

AUGUST 1961

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# CONSTRUCTION REVIEW

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## PRIVATE SECONDARY MARKET PRICES FOR FHA— INSURED HOME MORTGAGES

1949-60

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# CONSTRUCTION REVIEW

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# CONSTRUCTION . . . At a Glance

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Value put in place: (In billions of dollars) Total new construction	55.8	57.8	58.7	July 1961 Seasonally adjusted annual rate
Private construction	39.5	40.7	41.2	July 1961 Seasonally adjusted annual rate
Public construction	16.3	17.1	17.5	July 1961 Seasonally adjusted annual rate
Private housing starts (Thousands of units)	1,279	1,295	1,374	June 1961 Seasonally adjusted annual rate
Number of FHA applications, new private nonfarm dwelling units (In thousands)	29.2	29.9	31.4	June 1961
Contract awards: (In millions of dollars) Total public contract awards	1,117	1,060	1,146	May 1961
Highways contract awards	394	418	446	May 1961
F. W. Dodge Corp. index of contract awards (1947-49 = 100)	272	257	281	June 1961 Seasonally adjusted
Department of Commerce composite cost index (1947-49 = 100)	144	145	146	June 1961
Composite materials output index (1947-49 = 100)	135.1	130.1	126.9	April 1961 Seasonally adjusted
Wholesale price index, all construction materials (1947-49 = 100)	132.9	130.6	130.6	June 1961 (preliminary)
Contract construction employment: Number of employees (In thousands)	2,858	2,844	2,888	July 1961 (preliminary) Seasonally adjusted
Building construction Average weekly hours	35.4	35.1	35.1	May 1961 (preliminary) Seasonally adjusted
Unemployment (As a percent of the labor force in the industry)	8.6	11.6	11.2	July 1961 (preliminary)

## THE ECONOMY . . . At a Glance

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Gross national product (In billions of dollars)	506.4	500.0	516.1	Second quarter 1961 Seasonally adjusted annual rate
Personal saving (In billions of dollars)	22.8	23.7	25.8	Second quarter 1961 Seasonally adjusted annual rate
Government purchases of goods and services (In billions of dollars)	99.6	105.0	107.3	Second quarter 1961 Seasonally adjusted annual rate
Corporate profits after taxes (In billions of dollars)	24.2	21.4	20.0	First quarter 1961 Seasonally adjusted annual rate
New plant and equipment expenditures (In billions of dollars)	35.9	33.8	34.6	Third quarter 1961 (anticipated) Seasonally adjusted annual rate
Retail sales (In billions of dollars)	18.1	18.3	18.1	July 1961 (advance estimate) Seasonally adjusted
Consumer credit outstanding (In billions of dollars)	53.7	54.4	54.8	June 1961 End of month
Manufacturing inventories (In billions of dollars)	55.1	53.4	53.4	June 1961 End of month, seasonally adjusted
Manufacturers' unfilled orders (In billions of dollars)	47.7	45.8	45.7	June 1961 End of the month
Industrial production index (1957 = 100)	110.0	110.0	112.0	July 1961 (preliminary) Seasonally adjusted
Wholesale industrial prices index (1947-49 = 100)	128.2	127.4	127.4	July 1961 (preliminary)
Nonagricultural employment (In millions)	61.1	61.9	61.4	July 1961 (preliminary) Seasonally adjusted
Unemployment (As a percent of the civilian labor force)	5.5	6.8	6.9	July 1961 (preliminary) Seasonally adjusted
Average weekly hours worked in manufacturing industries	39.9	40.0	40.1	July 1961 (preliminary) Seasonally adjusted

# Construction Comments

## HOSPITAL CONSTRUCTION IN THE UNITED STATES

From 1737, when the first hospital was built in the United States, until the early decades of the twentieth century, the bulk of all funds used for hospital construction came from private sources. This fact largely explains why until recently most hospital construction took place in large metropolitan areas; rural areas were bypassed because of the comparative lack of financial resources. Similarly, low-income areas tended to have less adequate health facilities despite their greater need for medical care.

In the interval between the end of World War I and the end of World War II, publicly owned hospital outlays grew in importance until they tended to exceed private hospital outlays. The combined volume, however, was still very small relative to growing needs.

Hospital Construction Volume Yearly Average  
(In millions of current dollars)

	Private hospitals	Public hospitals	Total
1920-29 .....	\$72	\$66	\$138
1930-39 .....	36	82	118
1940-47 .....	47	61	108

World War II experience dramatized the effect of the slow rate of building of hospitals and other health facilities. In 1946, Congress passed the Hill-Burton Act, otherwise known as the Hospital Survey and Construction Act. This Act provided for Federal Government assistance to States in making an inventory of existing hospitals, in conducting surveys to determine the need for new hospitals, and in developing specific programs for construction of public and private health facilities; and for the granting of Federal funds for construction of nonprofit hospitals.

Under the Hill-Burton Act, Federal funds may be granted for only part of the construction costs. This limited Government contribution acts as a stimulus to encourage greater community and civic participation in the building of hospital facilities. Federal Government participation varies from one-third to two-thirds of the total cost of construction and equipment. Since the initial passage of the Hill-Burton Act, Government appropriations have varied as follows:

Annual Hill-Burton Act Appropriations  
(Thousands of dollars)

Year	Amount	Year	Amount
1948.....	75,000	1955.....	96,000
1949.....	75,000	1956.....	109,800
1950.....	150,000	1957.....	123,800
1951.....	85,000	1958.....	120,000
1952.....	82,500	1959.....	185,000
1953.....	75,000	1960.....	185,000
1954.....	65,000	1961.....	185,000

In 1954, amendments to the Act added four new categories of facilities eligible for Federal aid: Hospitals for the chronically ill, nursing homes, diagnostic and treatment centers, and rehabilitation centers.

Federal funds are divided among the States according to a formula based on the States' per capita income. States having a low per capita income receive relatively larger grants than States having high incomes. Government participation ceases when the project has been completed; the facilities built do not operate under direct Federal supervision.

The value of hospitals built under the auspices of the Hill-Burton Act has risen from 2.5 percent to approximately 48 percent of all hospital construction put in place in the United States through 1960. Dollarwise, construction under the Act rose from \$9 million in 1948, the first year of implementation

of the Act, to \$473 million in 1960. Total hospital construction rose from \$349 million to \$978 million during the same period. Thus, Federal aid has been a major stimulus in the increased volume of hospital construction in the United States. Federal funds accounted for 11 percent of last year's total.

The 1961 outlook is for a \$1.1 billion level of construction, almost tenfold the annual average between 1920 and 1947 and almost five times the 1947 rate.

More than 3,675 projects have been completed under the Hill-Burton program. The 1,625 new projects currently under construction or in the planning stage constitute 70 percent of all projects approved up to December 31, 1960. From 1946 through 1960, 156,332 new beds were added in Hill-Burton projects. Federally aided projects now under construction when completed will provide an additional 70,501 beds.

Important changes have taken place in construction under the Hill-Burton Program. In the first 7 years of the program, 55 percent of total Federal aid for hospital construction was spent for new facilities, but, since 1955, the percentage spent for this purpose has decreased while the proportion spent for additions and alterations to existing hospital facilities has risen to 63 percent in 1960. Also significant is the increasing importance of private nonprofit projects built with the help of Federal aid funds. In 1955, such projects accounted for 40 percent of all Hill-Burton projects and received 52 percent of all Federal funds spent for hospital construction; by 1960, they constituted 53 percent of all Hill-Burton projects and received 59 percent of Federal aid funds.

A particularly noteworthy achievement under the Hill-Burton program has been the large number of rural hospital facilities built during the last 12 years. This progress in rural areas has been so marked in comparison with the previous record that a resurgence of attention to the needs of metropolitan areas seems imminent.

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# Private Secondary Market Prices for FHA-Insured Home Mortgages, 1949-60

Katherine Perring\*

Since early in the post-World War II period, FHA insuring offices have submitted, through a questionnaire, reports, as of the first of each month, covering trends in their market area cities, including such indicators of mortgage market conditions as private secondary market prices for Section 203 home mortgages, the availability of mortgage money, and the average interest rate on conventional mortgages. National and regional averages of secondary market prices have been released monthly since 1956; the first release furnished monthly data from mid-1955 and quarterly data from mid-1953. The data now available include monthly national averages dating from 1949. This article analyzes these data with respect to the overall nature of price adjustments in the private secondary market resulting from a variety of changing circumstances, and provides significant insight into the actual operations of that market in the post-World War II years. Regional averages going back to 1949 are now being developed and will be the subject of a later article in *Construction Review*.

## INTRODUCTION

One of the objectives of the establishment of FHA in 1934 was to encourage the development of a national market for the newly-created insured mortgages through which funds would flow more freely and evenly from capital surplus to capital deficit areas. It was envisaged that the market mechanism would be perfected partly through the creation of a new type of institution—Federally chartered mortgage associations, authorized in Title III of the original National Housing Act—to be established by private enterprise in sections of the country deficient in mortgage funds. Such associations were to acquire insured mortgages in the section, obtaining financing by tapping nationwide sources of surplus funds through the sale of debentures backed by the portfolio of insured mortgages.

Such private associations did not come into being; but within the existing framework, market mechanisms began to be developed whereby financial institutions having acculated savings available for investment bought insured mortgages originated by local lenders or loan correspondents—the local agency usually continuing to service the mortgage for the purchasing institution. Thus developed a private secondary market as distinguished from the government-sponsored secondary market operations of the Federal National Mortgage Association (FNMA). Price data in this article do not cover the latter except to the extent that FNMA transac-

tions may have had an effect on quotations in the private market.

In the postwar period, the exchange of insured mortgages between financial institutions reached new heights. Particularly in areas where the demand for funds to finance home mortgages far outran the supply of local funds, privately organized mortgage companies grew in number and size in response to the opportunity to originate, sell, and service mortgages.<sup>1</sup> New techniques and devices were created to facilitate the exchange of mortgages and to deal with new problems, some of the better known of which were future delivery or advance commitments, standby commitments, take-out commitments, and warehousing arrangements.<sup>2</sup>

In the post-World War I period, the maximum permissible interest rate on Section 203 mortgages<sup>3</sup> was reduced from 4 1/2 to 4 1/4 percent

<sup>1</sup> Saul B. Klamman, *The Postwar Rise of Mortgage Companies*, *Occasional Paper 60*, National Bureau of Economic Research, Inc., 1959.

<sup>2</sup> Mortimer Kaplan, "Recent Institutional Arrangements in Mortgage Lending," *Journal of Finance*, Vol. XIII, No. 2, May 1958. Also, "New Opportunities in the Mortgage Market," a joint study by the Economic Policy Commission and the Savings and Mortgage Division, The American Bankers' Association, 1959.

<sup>3</sup> Set by administration regulation under the following provision of the National Housing Act: "Bear interest (exclusive of premium charges for insurance, and service charges if any) at not to exceed 5 per centum per annum on the amount of the principal obligation outstanding at any time, or not to exceed such per centum per annum not in excess of 6 per centum as the Commissioner finds necessary to meet the mortgage market." For the record of changes in FHA maximum allowable interest rates see July 1961 issue of *Construction Review* p. 4.

\*Housing Economist, Division of Research and Statistics, Federal Housing Administration.

in April 1950; raised to 4 1/2 percent in May 1953, 5 percent in December 1956, 5 1/4 percent in August 1957, and 5-3/4 percent in September 1959; and then reduced to 5 1/2 percent in February 1961 and to 5 1/4 percent in May 1961.<sup>4</sup> Generally it took about 2 months after the announcement of a change in allowable interest rate before firm quotations were available from all sections of the country on mortgages bearing the new interest rate. There is some partial information, which will be subsequently mentioned, regarding average selling prices of mortgages bearing the previously allowable interest rate.

### SUMMARY OF TRENDS

On only two occasions in the post-World War II period has the national average of secondary market prices held steady for a number of months (see chart). One was in the early period before the Treasury-Federal Reserve Accord, when both 4 1/2 and 4 1/4 percent mortgages sold at par or at a premium in all areas of the country. The other ex-

tended from the first of August 1954 through the first of March 1955, when the national average held at a discount of one-half point and par quotations were reported in some areas in all parts of the country.

While there have been protracted upward and downward movements in the national averages during the postwar period, changes of more than three-tenths of a point in a month have been rare and have occurred less frequently during an uptrend in prices than during a downtrend.

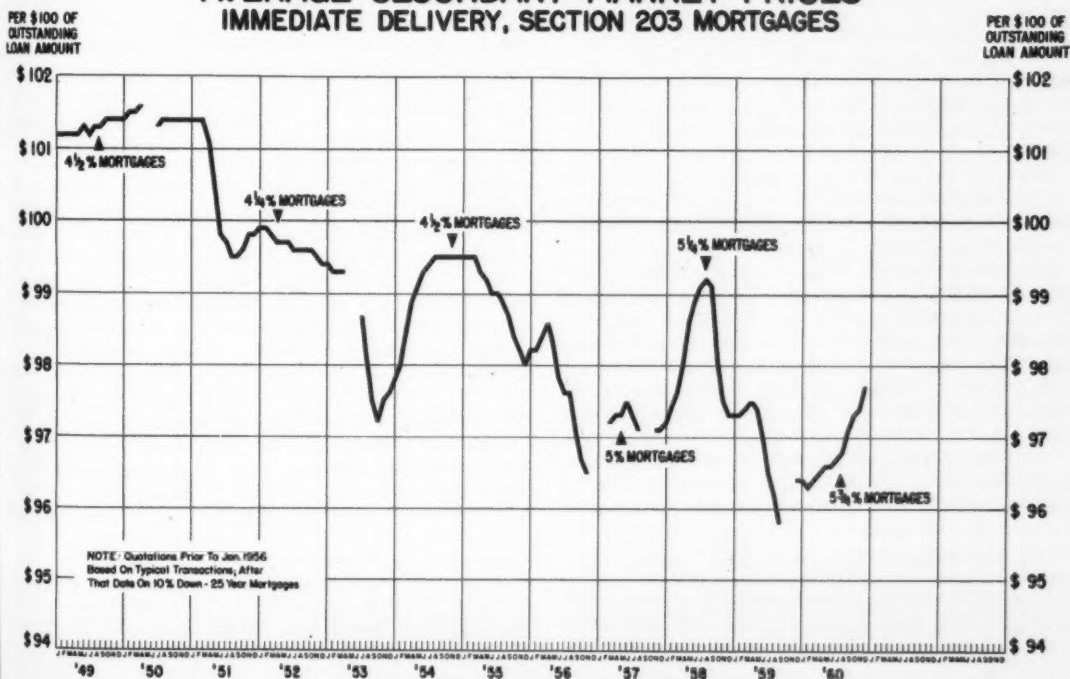
Only twice in the 1949-60 period—in early 1954 and 1958—was there an improvement in the national averages of as much as one point within a 2-month period.<sup>5</sup> Both instances were preceded by declines in business activity, in demand for long-term funds, and in interest rates and yields, the latter induced in part by active pursuit of an easy-money policy by the Federal Reserve. Though both of these gains were preceded and followed by modest upward movements, the experience suggests that rapid increases in secondary market prices are not apt to occur unless there are changes in conditions in the money market which induce investors rather suddenly to step up purchases of insured mortgages and to compete vigorously for the available supply.

<sup>4</sup>Developments in 1961 are not covered because only partial data are available, and sufficient time has not elapsed to provide perspective.

The 5 3/4-percent interest rate was made effective when this article was in the final stage of preparation. Owing to the short time the 5 1/2-percent interest rate was in effect, only three average prices are available: 97.1 as of March 1; 97.6 as of April 1; and 97.9 as of May 1.

<sup>5</sup>A similar improvement occurred recently, during March and April 1961, for 5 1/2-percent Section 203 mortgages.

## AVERAGE SECONDARY MARKET PRICES IMMEDIATE DELIVERY, SECTION 203 MORTGAGES



In contrast to the two occasions when average secondary market prices showed marked improvement of about one point in a 2-month period, on six occasions declines of this amount or more have occurred since World War II. In each case there was withdrawal from the secondary mortgage market by large investors either because of some new situation they wished to appraise before making additional mortgage commitments, or because a sharply increased demand for long-term funds, often accompanied by a restrictive Federal Reserve policy, raised the structure of interest rates to the extent that investment in securities other than mortgages was more attractive.

A brief review of the post-World War II movement of average secondary market prices against the background of underlying conditions may throw some additional light on market responses and what may be expected under given circumstances. With respect to how promptly certain developments have been reflected in an adjustment of secondary market prices, it should be remembered that the field reports are as of the first of each month and therefore reflect quotations available during the last week or 10 days of the previous month rather than being representative of the entire month. In this light, changes in market prices in response to certain developments in some respects have been quicker than sometimes has been realized.

#### 1949-53 TRENDS

During 1949 and 1950, an ample supply of long-term funds was available for financing insured mortgages. Their attractiveness to investors was reflected in secondary-market transactions at par or premium prices in all sections of the country. Supplementing funds available for investment, some lenders disposed of long-term Government bonds in order to acquire mortgages providing a higher yield.

Average prices for 4 1/2-percent Section 203 mortgages held within the very narrow range of 101.2-101.4 during 1949, a slight uptrend to 101.6 occurring by April 1, 1950.

By the spring of 1950, the recession of 1949 was no longer a concern. The Housing Act of 1950, approved April 20, was designed to stimulate the production of more low-priced housing. The day after the legislation was approved, it was announced there would be a reduction of the maximum interest rate on FHA home mortgages from 4 1/2 percent to 4 1/4 percent.<sup>6</sup>

Mortgage funds continued to be in ample supply, as evidenced by the fact that quotations on Section 203 mortgages bearing the 4 1/4-percent interest

rate as of July 1, 1950, averaged 101.3, and subsequently held at 101.4 through to March 1, 1951, just before the announcement of the Treasury-Federal Reserve Board Accord. Partial data indicate that during the second half of 1950, Section 203 mortgages bearing the previous 4 1/2-percent interest rate sold on the average about one-half point higher than 4 1/4 percent mortgages. The very modest difference in secondary market prices reported for 4 1/4 percent mortgages, as compared with prices for 4 1/2 percent mortgages prior to April 1950, appears to have been ascribable mainly to the effects of the "pegged" price for Government bonds that was then maintained by the Federal Reserve Board.

On March 4, 1951, there were announcements of the Treasury-Federal Reserve Accord<sup>7</sup> and that the Treasury would offer late in the month a new, long-term marketable bond at a higher rate of interest in exchange for the two longest outstanding 2 1/2-percent Treasury bonds.

On April 1, following the Accord, while books on the Treasury conversion offer were still open, the national average for 4 1/4-percent Section 203 mortgages was three-tenths of a point lower than in the preceding month. Several FHA offices took occasion to comment that lenders were withdrawing from the mortgage market to assess developments in the Government bond market.

During April, after the close of the Treasury conversion offer, the Federal Reserve began withdrawing support from the Government bond market, and prices declined in response to selling pressures. It became evident to lenders of long-term funds, many of whom had large loan commitments outstanding, that future sales of Government bonds might be expected to involve a capital loss, which would be a deterrent to using this source of funds for reinvestment in mortgages. Reflecting this situation, quotations as of May 1 on secondary market prices dropped in all sections of the country, and the first prevailing price at a discount was reported by an office in California. As of June 1, discount quotations were numerous enough to pull the national average below par for the first time. During April and May the average declined by 1.3 points. In the late summer the average stabilized at 99.5—about 2 points lower than before the Treasury-Federal Reserve Accord.

The Treasury-Federal Reserve Accord marked the end of a par or premium market for Section 203 mortgages throughout the United States. Thereafter, the demand for mortgage money, as well as other demands for long-term funds, depended primarily upon the supply of such funds becoming available from new savings and repayment of outstanding

<sup>6</sup>In a joint release the HHFA Administrator and FHA Commissioner stated: "After months of thoroughly studying the mortgage money market it was concluded that this lower rate would be effective in producing a high level of residential construction under the FHA program."

<sup>7</sup>The Treasury and Federal Reserve have reached full accord with respect to debt management and monetary policies to be pursued in furthering their common purpose to assure the successful financing of the Government's requirements and at the same time to minimize monetization of the public debt."

loans. Secondary market prices became particularly sensitive to general money market conditions, reflecting the extent to which funds flowed into or were withdrawn from the mortgage market according to the relative attractiveness of yields which could be obtained on other available investments.

By the beginning of 1952, the average of price quotations had risen to 99.9, but it gradually declined during the year, leveling out at 99.3 in the early part of 1953. During 1952, there was considerable discussion of the effectiveness of the effectiveness of the FHA interest rate, many lenders being of the opinion it should be increased.

In early 1953, savings did not increase in proportion to the demand for funds and as a result interest rates and yields on all types of securities advanced substantially. As of April 1, 1953, half of the FHA offices indicated an inadequate supply of funds in their areas for financing Section 203 mortgages. The money market became more stringent in mid-April, when the Treasury entered the long-term, public investment market for the first time since December 1945, offering \$1 billion of 30-year, 3 1/4-percent marketable bonds, the borrowing rate being the highest incurred since 1933. FNMA temporarily suspended purchase of nondefense and nondisaster mortgages "as a precautionary measure pending a necessary review of the purchase policies of the Association in a changing market." On May 2, 1953, the FHA Commissioner wired all field offices that, effective immediately, the maximum interest rate allowable under Section 203 was raised to 4 1/2 percent, and that upon request of the mortgagee, the new maximum rate would apply to applications in process and commitments outstanding.

#### 1953-60 TRENDS

After mid-1953, with the end of hostilities in Korea, a sharp decline in defense expenditures, coupled with a lower rate of inventory accumulation, ushered in the 1953 adjustment. By fall, private credit demands slackened, and an expanded supply of reserves was made available to banks. As a result, interest rates declined and lenders became more active in the mortgage market.

Conditions in the mortgage market continued to worsen after the 4 1/2-percent rate was made effective. By the fall of 1953, less than a fifth of FHA offices reported an adequate supply of funds available for financing Section 203 mortgages. Quotations for 4 1/2-percent loans averaged 98.7 on July 1, sliding by October 1 to 97.2—the lowest average so far in the post-World War II years. Most of the decline occurred during July and August, when the average dropped 1.2 points. Quotations on mortgages bearing the previous 4 1/4-percent interest rate were somewhat sporadic but indicated their average also declined, and was about 2 points lower than for 4 1/2 percent mortgages.

After October 1, 1953, a gradual improvement occurred in secondary market prices for 4 1/2-percent Section 203 mortgages, and during February and March of 1954 the national average increased almost a full point. The latter coincided with a reduction in February of discount rates at Federal Reserve banks from 2 percent to 1-3/4 percent and was followed by a subsequent reduction in April to 1 1/2 percent. After the accelerated increase in secondary market prices during February and March, there was gradual additional improvement until August 1, 1954, when the average reached 99.5.

The price average held at 99.5 from August 1, 1954, through March 1, 1955. During this period, almost all FHA offices indicated adequate financing was available for Section 203 mortgages. Premium quotations were available in some areas in the East, and par offers were widespread. This was the most recent time in the post-World War II period that average secondary market prices for Section 203 mortgages held level for such a long period.

In the spring of 1955, a strong demand for credit accompanied the increase in economic activity. Beginning in mid-April, the discount rates at Federal Reserve banks were increased in four stages from 1 1/2 percent to 2 1/2 percent in the latter part of November. Most lenders had built up large backlogs of mortgage commitments during the period of credit ease, and as credit demands from other parts of the economy grew it became increasingly difficult for builders to obtain new financing commitments under Section 203. Reflecting these developments, secondary market prices began dropping gradually after February, and by December 1, 1955, were down to an average of 98.0—a point and a half below the high at the beginning of the year.

In the spring of 1956 credit demands again accelerated as business firms greatly expanded capital outlays on new plant and equipment at the same time that substantial demands came from other sources. Discount rates at Federal Reserve banks were raised in April and August. Secondary market prices began to slide after March; declines in the national average of almost a point occurred during the periods of April-May and August-September, coinciding with the aforementioned increases in discount rates at Federal Reserve banks. By November 1, 1956, over four-fifths of FHA offices reported the supplies of funds were inadequate in their areas for financing Section 203 mortgages, and the average price was down to 96.5—a new low for the post World War II period.

On December 1, 1956, it was announced that the allowable interest rate on Section 203 mortgages would be raised to 5 percent, effective December 4. Incomplete interim data suggest that in the first few months following the announcement of the increase in the permissible interest rate on Section 203 loans, mortgages bearing the previous rate of 4 1/2 percent sold at about 3 points below mortgages bearing the new rate of 5 percent.

A tight money market continued during 1957 as the demand for long-term funds by business and local governments continued to increase, pushing up yields and interest rates. Financial institutions curtailed purchases of Section 203 mortgages, availing themselves instead of opportunities to place funds elsewhere at more attractive rates. The first full reporting of quotations on 5-percent Section 203 mortgages showed a national average of 97.2 as of March 1, 1957. It increased slightly to 97.5 on June 1, and receded to 97.1 on August 1. During this time three-fourths or more of FHA offices indicated the supply of long-term funds was inadequate in their areas for financing Section 203 mortgages.

On August 5, effective August 6, major amendments to FHA regulations were issued pursuant to the Housing Act of 1957, requiring FHA to fix limits on charges, fees, and discounts on mortgages insured under the National Housing Act. In order to help the home financing market to operate with the schedule of allowable discounts, the maximum permissible interest rate was increased to 5 1/4 percent. After the change in interest rate, quotations were somewhat thin on mortgages bearing the previous 5-percent rate, but it appears they sold on the average about 2 points lower than mortgages bearing the new rate of 5 1/4 percent.

Soon after discount controls were put into effect, economic activity declined in the fourth quarter of 1957, ushering in the third readjustment in the postwar period. The change in business conditions and the mid-November reduction in discount rates at Federal Reserve banks initiated a decline in interest rates and yields. Discount rates at the banks were further reduced in January, March, and April 1958, bringing the rate at all Reserve banks to 1-3/4 percent. Discount controls on FHA-insured mortgages were removed by the 1958 Emergency Housing Act approved April 1, 1958, which also provided FNMA with a \$1-billion special assistance program for the purchase of FHA and VA mortgage loans on new homes if the loan did not exceed \$13,500.

Reflecting these conditions, prices for 5 1/4-percent Section 203 mortgages improved rapidly, from an average of 97.1 at the end of 1957 to 99.2 in mid-1958. Half of the increase, or about one point, occurred during March and April. By mid-1958 almost all FHA offices indicated that funds were adequate for financing Section 203 loans, in contrast to only about one-fourth of the offices at the beginning of the year.

When it became apparent shortly after mid-1958 that the recession's low point had been passed and that a vigorous recovery was underway, the Federal Reserve began to limit the availability of reserve funds, and discount rates were increased in mid-August and in late October. Comments from a considerable number of FHA offices indicated that late in August the availability of mortgage money tightened because bond markets were providing a

higher net yield. During September, average secondary market prices for Section 203 mortgages dropped by one point (the largest decline in a single month), and during October by six-tenths of a point. Investors were reported to be withdrawing from the mortgage market, and those operating in the secondary market were increasingly selective.

The year 1958 was unique in that average secondary market prices for 5 1/4-percent Section 203 mortgages rose 2 points in the first half of the year and fell by 2 points in the latter part of the year.

Again in the spring of 1959 demand exceeded the supply of loanable funds, pushing interest rates and yields to new high levels. Federal Reserve bank discount rates were raised in March, May, and September—from 2 1/2 percent to 4 percent. From April 1 to September 1, prices for 5 1/4-percent Section 203 loans slipped from an average of 97.5 to 95.8, about one point of the decline occurring in May-June. Comments from FHA Insuring Offices indicated investors were withdrawing temporarily from the mortgage market for a variety of reasons: More attractive yields on other investments; expectation of an increase in yields altering the entire pattern of financing; deferrals of mortgage commitments pending outcome of housing legislation; and anticipation that the maximum allowable interest rate on FHA home mortgages would be increased. Investors who were still in the market were reported to be more selective with regard to downpayment, maturities, type of property, and credit standing of the borrower. In addition, difficulty was reported in obtaining future delivery commitments, and also that standby arrangements were being resorted to and that in many areas FNMA was the principal source for placing insured loans.

With approval of the Housing Act of 1959 on September 23, including additional mortgage insurance authorization for FHA programs, the maximum permissible interest rate on FHA-insured home mortgages was increased to 5-3/4 percent. Following the announcement of the new allowable interest rate, quotations on 5 1/4-percent mortgages were received only as of October 1, averaging about 2 points lower than the average for 5-3/4-percent mortgages when the first full reporting was received on these loans.

Secondary market prices for 5-3/4-percent Section 203 mortgages improved gradually during 1960, from a low average of 96.3 on February 1 to 97.8 as of January 1, 1961. Though an improvement of 1 1/2 points, the increase amounted to only slightly more than one-tenth of a point per month, indicating that investors were attracted to Section 203 mortgages only to the extent of being willing to bid very gradually rising prices for the available supply.

## CONCLUSION

The field reports indicate that in the post-World War II period, for the most part continuous adjust-

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ments occurred in the prices at which Section 203 mortgages were transferred in the secondary market. The two exceptions when the price average held level for a number of months were times when ample funds were available for investment in FHA mortgages and no occurrences in the general money market caused investors to raise or lower the price at which they were willing to acquire mortgages.

Generally, month-to-month changes in the averages have been small, amounting to no more than three-tenths of a point. Exceptions occurred when

for one reason or another investors withdrew from the market, causing sharp price declines; or the much less frequent times when there was a rapid increase in investible funds, with a spurt in bidding for Section 203 mortgages—pushing price averages up rather rapidly.

The behavior of the price series reflects the overall result of a whole complex of investment decisions indicative of the relative attractiveness of FHA mortgages in comparison with available alternative investment opportunities.

#### Average Prices for Immediate Delivery in Secondary Market of FHA-Insured Home Mortgage Loans (Section 203), 1949-60<sup>1</sup>

(Per \$100 of outstanding loan amount for mortgages bearing the maximum allowable interest rate)

First of each month	1949	1950	1951	1952	1953	1954
	4 1/2%					
January .....	101.2	101.4	101.4	99.9	99.4	97.9
February .....	101.2	101.5	101.4	99.9	99.3	98.0
March .....	101.2	101.5	101.4	99.8	99.3	98.5
April .....	101.2	101.6	101.1	99.7	99.3	98.9
May .....	101.2	4 1/4%	100.5	99.7	4 1/2%	99.1
June .....	101.3		99.8	99.7		99.3
July .....	101.2	101.3	99.7	99.6	98.7	99.4
August .....	101.3	101.4	99.5	99.6	98.1	99.5
September .....	101.3	101.4	99.5	99.6	97.5	99.5
October .....	101.4	101.4	99.6	99.6	97.2	99.5
November .....	101.4	101.4	99.8	99.5	97.5	99.5
December .....	101.4	101.4	99.8	99.4	97.6	99.5
	1955	1956	1957	1958	1959	1960
January .....	99.5	98.2	5%	97.2	97.3	96.4
February .....	99.5	98.2		97.4	97.3	96.3
March .....	99.5	98.4	97.2	97.6	97.4	96.4
April .....	99.3	98.6	97.3	98.0	97.5	96.5
May .....	99.2	98.3	97.3	98.6	97.4	96.6
June .....	99.0	97.8	97.5	98.9	97.0	96.6
July .....	99.0	97.6	97.3	99.1	96.5	96.7
August .....	98.9	97.6	97.1	99.2	96.2	96.8
September .....	98.7	97.1	5 1/4%	99.1	95.8	97.1
October .....	98.4	96.7		98.1	5 3/4%	97.3
November .....	98.2	96.5	97.1	97.5		97.4
December .....	98.0		97.1	97.3	96.4	97.7

<sup>1</sup> Based on FHA field office reports on transactions in market areas of insuring office cities. Quotations prior to January 1956 are typical of the largest volume of current transactions. In order to assure maximum uniformity, quotations since 1956 relate to new home mortgages with 10-percent down payment and 25-year maturities. These data exclude deliveries to FNMA of seasoned mortgages, and deliveries pursuant to commitments arranged at an earlier date. Average prices are net after discounts, commitment fees, or other charges. After each change in the maximum permissible interest rate, a period of about 2 months must elapse before a firm national average can be computed for mortgages bearing the new interest rate.

# STATISTICAL SERIES

## Part A.—Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. Except when special surveys are undertaken, as was done during the 1959 steel strike, they do not reflect the effects of varying numbers of working days in given months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Table A-1.—New Construction Put in Place in the United States: Current Value and Relative Changes, by Type of Construction

Type of construction	Value (in millions of dollars)						Seasonally adjusted annual rate July 1961	Percent change		
	1961			1960	First 7 months			First 7 mos. 1960-61	July 1961 from	
	May	June	July	July	1960	1961			June 1961	July 1960
TOTAL NEW CONSTRUCTION.....	\$ 4,903	\$ 5,362	5,433	5,168	30,914	31,657	58,683	+ 2	+ 1	+ 5
PRIVATE CONSTRUCTION.....	\$ 3,492	\$ 3,732	3,732	3,587	22,495	22,383	41,165	( <sup>1</sup> )	0	+ 4
Residential buildings (nonfarm).....	\$ 2,023	\$ 2,180	2,122	2,093	13,108	12,351	23,080	- 6	- 3	+ 1
New dwelling units.....	\$ 1,256	\$ 1,401	1,514	1,526	9,304	8,390	16,490	- 10	+ 8	- 1
Additions and alterations.....	\$ 669	\$ 680	508	487	3,302	3,299	5,424	( <sup>1</sup> )	-25	+ 4
Nonhousekeeping.....	\$ 98	\$ 99	100	80	502	662	1,166	+ 32	+ 1	+25
Nonresidential buildings.....	\$ 842	\$ 896	929	872	5,580	6,051	10,578	+ 8	+ 4	+ 7
Industrial.....	\$ 226	\$ 219	216	230	1,587	1,665	2,672	+ 5	- 1	- 6
Commercial.....	\$ 363	\$ 401	419	363	2,276	2,579	4,578	+ 13	+ 4	+15
Office buildings and warehouses	\$ 193	\$ 196	199	179	1,158	1,356	2,323	+ 17	+ 2	+11
Stores, restaurants, and garages	\$ 170	\$ 205	220	184	1,118	1,223	2,255	+ 9	+ 7	+20
Other nonresidential buildings...	\$ 253	\$ 276	294	279	1,717	1,807	3,328	+ 5	+ 7	+ 5
Religious.....	\$ 75	\$ 81	86	87	558	539	984	- 3	+ 6	- 1
Educational.....	\$ 44	\$ 47	51	48	312	319	617	+ 2	+ 9	+ 6
Hospital and institutional....	\$ 63	\$ 66	68	48	333	433	821	+ 30	+ 3	+42
Social and recreational.....	\$ 51	\$ 58	64	70	376	375	655	( <sup>1</sup> )	+10	- 9
Miscellaneous.....	\$ 20	\$ 24	25	26	138	141	251	+ 2	+ 4	- 4
Farm construction.....	\$ 136	\$ 160	173	123	737	843	1,874	+ 14	+ 8	+41
Public utilities.....	\$ 467	\$ 473	486	473	2,918	2,981	5,399	+ 2	+ 3	+ 3
Telephone and telegraph.....	\$ 87	\$ 80	80	88	614	550	930	- 10	0	- 9
Other public utilities.....	\$ 380	\$ 393	406	385	2,304	2,431	4,469	+ 6	+ 3	+ 5
All other private.....	24	23	22	26	152	157	234	+ 3	- 4	-15
PUBLIC CONSTRUCTION.....	\$ 1,411	\$ 1,630	1,701	1,581	8,419	9,274	17,518	+ 10	+ 4	+ 8
Residential buildings.....	\$ 70	\$ 72	74	63	419	466	876	+ 11	+ 3	+17
Nonresidential buildings.....	\$ 440	\$ 467	478	464	2,647	2,966	5,279	+ 12	+ 2	+ 3
Industrial.....	\$ 45	\$ 48	51	53	240	300	622	+ 25	+ 6	- 4
Educational.....	\$ 254	\$ 274	280	265	1,550	1,743	3,048	+ 12	+ 2	+ 6
Hospital and institutional.....	\$ 31	\$ 31	31	36	230	208	349	- 10	0	-14
Administrative and service.....	\$ 58	\$ 61	64	57	322	368	695	+ 14	+ 5	+12
Other nonresidential buildings...	\$ 52	\$ 53	52	53	305	347	565	+ 14	- 2	- 1
Military facilities.....	\$ 127	\$ 132	139	116	687	832	1,615	+ 21	+ 5	+20
Highways.....	\$ 435	\$ 600	655	601	2,697	2,857	5,994	+ 6	+ 9	+ 9
Sewer and water systems.....	\$ 137	\$ 140	145	135	854	894	1,571	+ 5	+ 4	+ 7
Sewer.....	\$ 79	\$ 82	86	81	521	516	924	- 1	+ 5	+ 6
Water.....	\$ 58	\$ 58	59	54	333	378	647	+ 14	+ 2	+ 9
Public service enterprises.....	\$ 56	\$ 58	58	70	330	334	538	+ 1	0	-17
Conservation and development.....	\$ 115	\$ 128	119	111	660	734	1,277	+ 11	- 7	+ 7
All other public.....	31	33	33	21	125	191	368	+ 53	0	+57

<sup>1</sup> Change of less than one-half of 1 percent. <sup>†</sup> Revised.

Source: Department of Commerce, Bureau of the Census.

Table A-1 (Sup.).—New Construction Put in Place in the United States, January-December 1959 (Rev. 7/61)

Type of construction	1959												Year
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
TOTAL NEW CONSTRUCTION.....	3,821	3,589	3,957	4,414	4,862	5,302	5,448	5,469	5,344	5,139	4,774	4,436	56,555
PRIVATE CONSTRUCTION.....	2,732	2,595	2,826	3,106	3,411	3,676	3,838	3,865	3,779	3,693	3,542	3,281	40,344
Residential buildings (nonfarm).....	1,643	1,529	1,719	1,965	2,160	2,323	2,423	2,430	2,378	2,298	2,156	1,938	24,962
New housing units.....	1,313	1,207	1,353	1,493	1,610	1,758	1,842	1,866	1,842	1,778	1,663	1,508	19,233
Additions and alterations.....	272	265	309	415	489	500	513	494	467	453	425	359	4,961
Nonhousekeeping.....	58	57	57	57	61	65	68	70	69	67	68	71	768
Nonresidential buildings.....	657	638	629	632	698	774	815	826	786	789	810	805	8,859
Industrial.....	165	161	156	154	160	169	177	186	178	184	200	216	2,106
Commercial.....	274	269	271	277	323	367	382	371	351	350	355	340	3,930
Office buildings and warehouses..	159	154	149	150	159	165	171	176	168	166	167	170	1,954
Stores, restaurants, and garages..	115	115	122	127	164	202	211	195	183	184	188	170	1,976
Other nonresidential buildings.....	218	208	202	201	215	238	256	269	257	255	255	249	2,823
Religious.....	74	70	68	67	72	79	86	90	87	86	85	83	947
Educational.....	48	45	42	41	41	42	43	45	43	44	45	46	525
Hospital and institutional.....	46	45	45	45	46	48	49	50	48	49	50	49	570
Social and recreational.....	35	34	34	36	42	51	55	57	54	52	51	49	550
Miscellaneous.....	15	14	13	12	14	18	23	27	25	24	24	22	231
Farm construction.....	88	85	91	97	111	121	131	135	126	116	107	100	1,308
Public utilities.....	330	330	374	399	427	441	450	455	469	470	447	416	5,008
Telephone and telegraph.....	59	64	75	78	82	83	84	79	89	87	86	85	951
Other public utilities.....	271	266	299	321	345	358	366	376	380	383	361	331	4,057
All other private.....	14	13	13	13	15	17	19	19	20	20	22	22	207
PUBLIC CONSTRUCTION.....	1,089	994	1,131	1,308	1,451	1,626	1,610	1,604	1,565	1,446	1,232	1,155	16,211
Residential buildings.....	94	99	98	96	93	87	80	69	66	62	58	60	962
Nonresidential buildings.....	367	332	371	394	393	414	414	417	387	374	325	326	4,514
Industrial.....	29	28	29	30	31	32	29	30	29	34	34	33	368
Educational.....	225	198	219	231	229	244	247	241	224	219	187	192	2,656
Hospital and institutional.....	31	29	37	40	39	39	39	40	36	35	32	31	428
Administrative and service.....	45	43	48	50	50	53	52	57	52	45	37	36	568
Other nonresidential buildings.....	37	34	38	43	44	46	47	49	46	41	35	34	494
Military facilities.....	105	95	107	128	153	163	127	135	132	121	114	110	1,488
Highways.....	296	269	316	422	511	631	659	643	655	591	467	410	5,870
Sewer and water systems.....	107	98	110	116	122	129	137	144	140	128	121	115	1,467
Sewer.....	67	61	68	71	74	79	85	89	87	79	74	72	906
Water.....	40	37	42	45	48	50	52	55	53	49	47	43	561
Public service enterprises.....	29	25	31	38	49	55	62	67	62	52	44	37	551
Conservation and development.....	74	63	79	92	107	125	110	107	102	100	87	84	1,130
All other public.....	17	15	19	22	23	22	21	22	21	18	16	13	229

See footnote at end of table.

Table A-1 (Sup.).—New Construction Put in Place in the United States, January-December 1960 (Rev. 7/61)—Con.

Type of construction	1960												Year
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
TOTAL NEW CONSTRUCTION .....	3,827	3,662	3,927	4,316	4,856	5,158	5,168	5,205	5,168	5,016	4,771	4,482	55,556
PRIVATE CONSTRUCTION .....	2,903	2,776	2,934	3,154	3,484	3,657	3,587	3,556	3,524	3,463	3,395	3,170	39,603
Residential buildings (nonfarm) .....	1,670	1,527	1,657	1,858	2,108	2,195	2,093	2,031	1,972	1,897	1,840	1,698	22,546
New housing units .....	1,282	1,152	1,235	1,281	1,352	1,476	1,526	1,524	1,492	1,443	1,392	1,267	16,422
Additions and alterations .....	319	308	355	509	683	641	487	426	398	372	361	340	5,199
Nonhousekeeping .....	69	67	67	68	73	78	80	81	82	82	87	91	925
Nonresidential buildings .....	773	782	763	754	792	844	872	884	904	929	946	925	10,168
Industrial .....	225	235	229	223	221	224	230	237	247	255	261	264	2,851
Commercial .....	309	314	305	301	328	356	363	360	369	386	402	387	4,180
Office buildings and warehouses ..	167	162	158	157	164	171	179	184	185	192	201	201	2,121
Stores, restaurants, and garages...	142	152	147	144	164	185	184	176	184	194	201	186	2,059
Other nonresidential buildings .....	239	233	229	230	243	264	279	287	288	288	283	274	3,137
Religious .....	80	79	76	75	78	83	87	92	93	93	91	86	1,013
Educational .....	46	44	43	43	43	45	48	50	51	52	51	50	566
Hospital and institutional .....	49	48	47	47	47	47	48	50	53	55	57	57	605
Social and recreational .....	45	45	46	49	56	65	70	71	70	67	63	60	707
Miscellaneous .....	19	17	17	16	19	24	26	24	21	21	21	21	246
Farm construction .....	96	95	97	100	109	117	123	126	121	111	103	87	1,285
Public utilities .....	342	353	398	423	452	477	473	489	501	499	479	437	5,323
Telephone and telegraph .....	67	78	93	91	93	104	88	97	95	97	99	86	1,088
Other public utilities .....	275	275	305	332	359	373	385	392	406	402	380	351	4,235
All other private .....	22	19	19	19	23	24	26	26	26	27	27	23	281
PUBLIC CONSTRUCTION .....	924	886	993	1,162	1,372	1,501	1,581	1,649	1,644	1,553	1,376	1,312	15,953
Residential buildings .....	57	57	57	61	64	60	63	58	60	60	60	59	716
Nonresidential buildings .....	329	311	338	381	398	426	464	448	450	448	408	391	4,792
Industrial .....	34	28	28	32	31	34	53	31	30	34	36	36	407
Educational .....	197	183	200	223	233	249	265	263	266	266	239	234	2,818
Hospital and institutional .....	29	29	31	34	35	36	36	36	36	34	33	31	408
Administrative and service .....	34	34	39	48	53	57	57	62	62	58	50	44	598
Other nonresidential buildings .....	35	37	40	44	46	50	53	56	56	56	50	46	569
Military facilities .....	84	62	94	93	103	135	116	141	132	148	156	122	1,386
Highways .....	221	237	251	342	493	552	601	645	644	558	450	470	5,464
Sewer and water systems .....	114	105	118	124	128	130	135	139	135	128	119	112	1,487
Sewer .....	71	65	72	76	77	79	81	81	77	72	67	64	882
Water .....	43	40	46	48	51	51	54	58	58	56	52	48	605
Public service enterprises .....	35	31	37	45	53	59	70	78	77	66	55	43	640
Conservation and development .....	69	70	81	97	113	119	111	117	122	121	106	95	1,221
All other public .....	15	13	17	19	20	20	21	23	24	24	22	20	234

See footnote at end of table.

Table 4-1 (Sup.).-New Construction Put in Place in the United States, January-June 1961 (Rev. 7/61)-Con.

Type of construction	1961					
	January	February	March	April	May	June
TOTAL NEW CONSTRUCTION .....	3,887	3,684	3,979	4,409	4,903	5,362
PRIVATE CONSTRUCTION .....	2,793	2,645	2,842	3,147	3,492	3,732
Residential buildings (nonfarm) .....	1,449	1,322	1,483	1,772	2,023	2,180
New dwelling units .....	1,051	939	1,056	1,173	1,256	1,401
Additions and alterations .....	307	292	337	506	669	680
Nonhousekeeping .....	91	91	90	93	98	99
Nonresidential buildings .....	886	858	831	809	842	896
Industrial .....	265	259	246	234	226	219
Commercial .....	362	352	345	337	363	401
Office buildings and warehouses ...	201	195	185	187	193	196
Stores, restaurants, and garages ...	161	157	160	150	170	205
Other nonresidential buildings .....	259	247	240	238	253	276
Religious .....	80	75	71	71	75	81
Educational .....	47	44	43	43	44	47
Hospital and institutional .....	57	58	60	61	63	66
Social and recreational .....	56	52	48	46	51	58
Miscellaneous .....	19	18	18	17	20	24
Farm construction .....	77	81	100	116	136	160
Public utilities .....	358	363	406	428	467	473
Telephone and telegraph .....	69	73	83	78	87	80
Other public utilities .....	289	290	323	350	380	393
All other private .....	23	21	22	22	24	23
PUBLIC CONSTRUCTION .....	1,094	1,039	1,137	1,262	1,411	1,630
Residential buildings .....	58	60	63	69	70	72
Nonresidential buildings .....	389	356	403	433	440	467
Industrial .....	37	35	39	45	45	48
Educational .....	235	212	235	253	254	274
Hospital and institutional .....	28	26	30	31	31	31
Administrative and service .....	42	40	49	54	58	61
Other nonresidential buildings .....	47	43	50	50	52	53
Military facilities .....	88	109	119	118	127	132
Highways .....	291	267	271	338	435	600
Sewer and water systems .....	115	106	121	130	137	140
Sewer .....	65	60	69	75	79	82
Water .....	50	46	52	55	58	58
Public service enterprises .....	41	35	40	46	56	58
Conservation and development .....	91	86	95	100	115	128
All other public .....	21	20	25	28	31	33

Source: Department of Commerce, Bureau of the Census.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant\* Dollars  
(Millions of dollars)

Period	New construction put in place**						Private construction			
	Total		Private		Public		Residential building (nonfarm)			
							Total		New dwelling units	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	'45,813	'34,731	33,067	'24,827	'12,748	'9,904	17,677	13,648	13,535	10,454
1957.....	'47,845	'35,003	'33,766	'24,475	14,079	'10,528	17,019	12,903	12,615	9,566
1958.....	'48,950	'35,477	'33,493	'23,981	'15,457	'11,496	18,047	13,555	13,552	10,176
1959.....	'56,555	'40,155	'40,344	'28,235	'16,211	'11,932	'24,962	'18,152	19,233	'13,986
1960.....	'55,556	'38,744	'39,603	'15,953	'15,953	'11,591	'22,546	'16,137	16,422	'11,754
Seasonally adjusted annual rates										
1960: July.....	'55,750	'38,797	'39,487	'27,019	'16,263	'11,778	'22,748	'16,238	16,513	11,858
August.....	'55,837	'38,871	'39,474	'27,025	'16,363	'11,846	'22,448	'16,057	16,300	11,659
September.....	'55,599	'38,645	'39,316	'26,890	'16,283	'11,755	'22,102	'15,810	15,941	11,403
October.....	'55,552	'38,641	'39,200	'26,851	'16,352	'11,790	'21,834	'15,663	15,654	11,230
November.....	'56,079	'38,993	'39,624	'27,153	'16,455	'11,840	'22,016	'15,805	15,792	11,337
December.....	'56,650	'39,482	'39,639	'27,113	'17,011	'12,369	'21,916	'15,744	15,653	'11,245
1961: January.....	'56,018	'39,055	'38,575	'26,293	'17,443	'12,762	'20,649	'14,856	'14,594	'10,500
February.....	'55,717	'38,748	'37,962	'25,849	'17,755	'12,899	'20,016	'14,400	'13,963	'10,045
March.....	'55,794	'38,739	'38,511	'26,242	'17,283	'12,497	'20,508	'14,755	'14,417	'10,372
April.....	'55,883	'38,611	'39,365	'26,833	'16,518	'11,778	'21,421	'15,401	'15,071	'10,835
May.....	'55,892	'38,409	'39,606	'26,868	'16,286	'11,541	'21,631	'15,440	'15,343	'10,952
June.....	'57,771	'39,879	'40,670	'27,636	'17,101	'12,243	'22,595	'16,127	'15,910	'11,356
July.....	58,683	40,555	51,165	27,969	17,518	12,586	23,080	16,475	16,490	11,770
Percent change										
July 1960-61.....	+5	+5	+4	+4	+8	+7	+1	+1	-1	-1
12 mos.ending July 1960-61...	+1	(1)	-2	-3	+10	+8	-9	-9	-14	-14
Private construction—Con.										
Period	Residential building—Con.				Nonresidential buildings					
	Additions and alterations		Nonhousekeeping		Total		Industrial		Office buildings and warehouses	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	3,695	2,849	447	345	8,817	6,594	3,084	2,306	1,684	1,294
1957.....	3,903	2,957	501	380	9,556	6,805	3,557	2,506	1,893	1,389
1958.....	3,862	2,902	633	477	8,675	6,046	2,382	1,679	2,013	1,417
1959.....	'4,961	'3,607	768	'559	8,859	'5,990	2,106	1,457	1,954	'1,331
1960.....	'5,199	'3,721	'925	'662	'10,168	'6,755	'2,851	'1,965	'2,121	'1,409
Seasonally adjusted annual rates										
1960: July.....	'5,204	'3,715	'931	'665	'9,938	'6,594	'2,839	'1,958	'2,092	'1,385
August.....	'5,212	'3,728	'936	'670	'10,061	'6,676	'2,880	'1,986	'2,106	'1,395
September.....	'5,214	'3,730	'947	'677	'10,226	'6,765	'2,958	'2,040	'2,129	'1,410
October.....	'5,221	'3,745	'959	'688	'10,418	'6,893	'3,010	'2,076	'2,188	'1,449
November.....	'5,232	'3,756	'992	'712	'10,562	'6,987	'3,025	'2,085	'2,255	'1,493
December.....	'5,238	'3,763	'1,025	'736	'10,751	'7,087	'3,025	'2,086	'2,293	'1,519
1961: January.....	'4,957	'3,566	'1,098	'790	'11,193	'7,354	'3,053	'2,105	'2,453	'1,603
February.....	'4,900	'3,525	'1,153	'830	'11,100	'7,291	'2,992	'2,063	'2,465	'1,611
March.....	'4,920	'3,540	'1,171	'843	'10,960	'7,200	'2,957	'2,039	'2,405	'1,572
April.....	'5,149	'3,702	'1,201	'864	'10,803	'7,097	'2,921	'2,014	'2,444	'1,598
May.....	'5,078	'3,625	'1,210	'863	'10,526	'6,951	'2,849	'1,965	'2,420	'1,572
June.....	'5,116	'3,937	1,169	834	'10,648	'6,893	'2,750	'1,897	'2,369	'1,538
July.....	5,424	3,872	1,166	833	10,578	6,895	2,672	1,830	2,333	1,509
Percent change										
July 1960-61.....	+4	+4	+25	+25	+6	+5	-6	-7	+11	+9
12 mos.ending July 1960-61...	+1	+1	+28	+28	+11	+9	+14	+14	+16	+13

See footnotes at end of table.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant\* Dollars—Con.  
(Millions of dollars)

Period	Private construction—Con.									
	Nonresidential buildings—Con.									
	Stores, restaurants, garages		Religious		Educational		Hospitals and institutional		Social and recreational	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	1,947	1,441	768	567	536	397	328	242	275	203
1957.....	1,671	1,186	868	614	525	372	525	372	311	220
1958.....	1,576	1,085	863	594	574	396	600	415	424	291
1959.....	1,976	1,317	947	633	525	351	570	380	550	367
1960.....	2,059	1,338	1,013	659	566	368	605	394	707	461
Seasonally adjusted annual rates										
1960: July.....	1,884	1,223	998	648	571	371	575	373	722	469
August.....	1,927	1,251	1,000	649	574	372	588	382	728	473
September.....	2,005	1,294	1,002	646	577	372	608	393	726	468
October.....	2,074	1,338	1,006	649	577	372	626	404	719	464
November.....	2,123	1,370	1,008	650	571	369	640	413	718	463
December.....	2,226	1,427	1,008	646	565	362	674	432	733	470
1961: January.....	2,395	1,535	1,000	641	552	354	689	442	786	504
February.....	2,356	1,510	978	627	551	353	720	462	757	485
March.....	2,338	1,498	970	622	557	357	746	478	704	452
April.....	2,192	1,405	976	625	563	361	767	492	659	422
May.....	2,095	1,335	988	629	572	365	786	501	644	410
June.....	2,141	1,364	989	630	593	378	809	515	638	407
July.....	2,255	1,436	984	627	617	393	821	523	655	417
Percent change										
July 1960-61.....	+ 20	+ 17	- 1	- 3	+ 8	+ 6	+ 43	+ 40	- 9	- 11
12mos.ending July 1960-61...	+ 6	+ 4	(1)	- 2	+ 7	+ 4	+ 22	+ 19	+ 10	+ 7
Private construction—Con.										
Period	Nonres. bldg.—Con.		Farm construction		Public utilities					
	Miscellaneous				Total		Telephone and telegraph		Other public utilities	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	195	144	1,560	1,261	4,893	3,243	1,066	756	3,827	2,487
1957.....	206	146	1,578	1,248	5,414	3,391	1,068	743	4,346	2,648
1958.....	243	169	1,495	1,173	5,087	3,090	904	627	4,183	2,463
1959.....	231	154	1,308	989	5,008	2,968	951	644	4,057	2,324
1960.....	246	161	1,285	964	5,323	3,136	1,088	719	4,235	2,417
Seasonally adjusted annual rates										
1960: July.....	257	167	1,277	954	5,252	3,077	1,019	670	4,233	2,407
August.....	258	168	1,272	950	5,410	3,180	1,195	786	4,215	2,394
September.....	221	142	1,289	965	5,418	3,190	1,099	723	4,319	2,467
October.....	218	141	1,288	965	5,361	3,159	1,084	713	4,277	2,446
November.....	222	143	1,298	972	5,452	3,220	1,168	768	4,284	2,452
December.....	227	145	1,242	923	5,458	3,203	1,085	709	4,373	2,494
1960: January.....	265	170	1,126	813	5,308	3,100	984	643	4,324	2,457
February.....	281	180	1,157	837	5,384	3,147	974	637	4,410	2,510
March.....	283	182	1,334	975	5,398	3,134	989	642	4,409	2,492
April.....	281	180	1,508	1,109	5,323	3,051	904	583	4,419	2,468
May.....	274	174	1,686	1,236	5,383	3,085	956	613	4,427	2,472
June.....	257	164	1,895	1,396	5,382	3,079	929	592	4,453	2,487
July.....	251	160	1,874	1,380	5,399	3,088	930	592	4,469	2,496
Percent change										
July 1960-61.....	- 2	- 4	+ 47	+ 45	+ 3	(1)	- 9	- 12	+ 6	+ 4
12mos.ending July 1960-61...	- 3	- 6	+ 7	+ 6	+ 4	+ 3	- 1	- 4	+ 5	+ 4

See footnotes at end of table.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant\* Dollars—Con.  
(Millions of dollars)

Period	Public construction											
	Residential buildings		Nonresidential buildings									
			Total**		Industrial		Educational		Hospital and institutional		Administrative and service	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	292	225	4,076	3,017	453	339	2,556	1,891	300	220	362	268
1957.....	506	383	4,507	3,193	473	333	2,825	2,003	354	250	439	311
1958.....	846	637	4,653	3,214	408	289	2,875	1,982	390	267	532	367
1959.....	962	702	4,514	3,021	368	254	2,656	1,775	428	285	568	379
1960.....	716	512	4,792	3,132	407	282	2,818	1,834	400	259	598	389
Seasonally adjusted annual rates												
1960: July.....	749	534	5,131	3,357	644	444	2,891	1,877	406	263	620	403
August.....	716	512	4,896	3,194	380	262	2,926	1,900	401	260	614	399
September.....	722	517	4,959	3,216	390	269	2,952	1,905	407	262	617	398
October.....	727	522	4,995	3,241	379	262	2,976	1,920	395	255	632	403
November.....	740	532	5,055	3,279	390	269	2,998	1,934	390	252	648	418
December.....	727	522	5,072	3,271	408	281	2,994	1,919	390	250	631	405
1961: January.....	700	503	5,094	3,287	449	310	2,999	1,922	396	254	610	391
February.....	715	515	5,157	3,328	474	327	3,052	1,956	384	246	612	392
March.....	751	540	5,221	3,371	512	353	3,031	1,943	359	230	659	422
April.....	802	576	5,222	3,373	550	370	3,055	1,958	362	232	653	418
May.....	791	564	5,186	3,336	551	380	3,020	1,924	354	225	660	424
June.....	852	608	5,221	3,355	541	373	3,078	1,961	352	224	662	422
July.....	876	625	5,279	3,392	622	426	3,048	1,941	349	222	695	443
Percent change												
July 1960-61.....	+ 17	+ 17	+ 3	+ 1	- 3	- 4	+ 5	+ 3	- 14	- 16	+ 12	+ 10
12 mos. ending.....	+ 4	+ 4	+ 15	+ 12	+ 17	+ 17	+ 15	+ 13	- 6	- 8	+ 18	+ 15
July 1960-61.....	Public construction—Con.											
Period	Military facilities		Highways		Sewer systems		Water systems		Public service enterprises		Conservation and development	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1956.....	1,360	1,059	4,431	3,879	701	473	574	396	384	240	826	556
1957.....	1,287	955	4,954	4,190	781	503	563	362	393	232	971	625
1958.....	1,402	1,028	5,545	4,773	836	518	551	339	451	261	1,019	633
1959.....	1,488	1,071	5,870	5,149	906	537	561	333	551	313	1,130	670
1960.....	1,386	986	5,464	4,893	882	507	605	351	649	371	1,221	701
Seasonally adjusted annual rates												
1960: July.....	1,340	951	5,524	4,928	870	497	592	338	648	368	1,181	675
August.....	1,444	1,024	5,724	5,070	844	482	607	347	677	385	1,219	697
September.....	1,340	951	5,602	4,979	824	471	628	359	688	393	1,268	725
October.....	1,490	1,057	5,427	4,846	822	470	636	363	695	399	1,288	736
November.....	1,678	1,190	5,243	4,698	818	468	636	363	708	409	1,289	736
December.....	1,531	1,086	5,953	5,358	827	472	650	372	684	393	1,267	724
1961: January.....	1,284	911	6,470	5,845	856	486	674	383	667	383	1,402	796
February.....	1,942	1,377	5,934	5,385	876	501	673	385	678	390	1,454	831
March.....	1,764	1,251	5,662	5,115	901	515	668	382	648	370	1,358	776
April.....	1,651	1,171	5,060	4,522	934	527	667	377	632	357	1,234	679
May.....	1,507	1,061	4,983	4,433	940	528	666	374	637	360	1,246	700
June.....	1,344	946	5,804	5,164	928	518	666	372	606	342	1,327	741
July.....	1,615	1,137	5,994	5,332	924	516	647	361	538	304	1,277	713
Percent change												
July 1960-61.....	+ 21	+ 20	+ 9	+ 8	+ 6	+ 4	+ 9	+ 7	- 17	- 17	+ 8	+ 6
12 mos. ending.....	+ 20	+ 18	+ 5	+ 5	- 5	- 7	+ 12	+ 9	+ 11	+ 11	+ 14	+ 12

Source: Department of Commerce, Bureau of the Census. \*1947-49 dollars. \*\*Includes values for the "other" categories, not shown separately on this table. See table A-1. †Change of less than one-half of 1 percent. ‡Revised.

NOTE: The 1956-58 figures in italics are not entirely comparable with those for later years because the latter include new series on private housing units, additions and alterations, and farm housing. In addition, data for Alaska and Hawaii have been included for all types of construction beginning with 1959, increasing the national totals by negligible amounts, being of the order of one-half of 1 percent.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, by Ownership, and by Type of Construction  
(Millions of dollars)

Period	Total	Source of funds				Ownership		Federally owned	
		Federal			State and local	Federal	State and local	Residential buildings	Military facilities
		Total	Direct	Grants-in-aid					
1956.....	\$12,748	\$3,638	\$2,742	\$896	\$9,110	\$2,742	\$10,006	17	1,360
1957.....	\$14,079	\$4,307	\$2,993	\$1,314	\$9,772	\$2,993	\$11,086	155	1,287
1958.....	\$15,457	\$5,518	\$3,388	\$2,130	\$9,939	\$3,388	\$12,069	357	1,402
1959.....	\$16,211	\$6,545	\$3,755	\$2,790	\$9,666	\$3,755	\$12,456	488	1,488
1960.....	\$15,953	\$6,118	\$3,665	\$2,453	\$9,835	\$3,665	\$12,288	288	\$1,356
1960: July.....	\$1,581	\$606	\$341	\$265	\$975	\$341	\$1,240	26	\$116
August.....	\$1,649	\$642	\$348	294	\$1,007	\$348	\$1,301	23	\$141
September.....	\$1,644	\$628	\$348	\$280	\$1,016	\$348	\$1,296	23	\$132
October.....	\$1,553	\$602	\$363	\$239	\$951	\$363	\$1,190	22	\$148
November.....	\$1,376	\$537	\$355	182	\$839	\$355	\$1,021	22	\$156
December.....	\$1,312	\$528	\$303	225	\$784	\$303	\$1,009	21	\$122
1961: January.....	1,094	407	259	148	687	259	835	21	88
February.....	1,039	405	274	131	634	274	765	22	109
March.....	1,137	422	301	121	715	301	836	23	119
April.....	\$1,262	446	313	133	\$816	313	\$949	26	118
May.....	\$1,411	\$505	\$339	\$166	\$906	\$339	\$1,072	\$26	\$127
June.....	\$1,630	\$610	\$364	\$246	\$1,020	\$364	\$1,266	26	\$132
July.....	1,701	648	368	280	1,053	368	1,333	25	139
Percent change									
July 1960-61.....	+ 8	+ 7	+ 8	+ 6	+ 8	+ 8	+ 8	- 4	+ 20
12 mos. ending									
July 1960-61.....	+ 9	+ 7	+ 14	- 3	+ 10	+ 14	+ 8	- 11	+ 18
Federally owned—Con.									
Period	Nonresidential buildings						Highways	Conservation and development	All other
	Total	Industrial	Educational	Hospital	Administrative and service	Other nonresidential			
1956.....	583	453	8	37	30	55	\$93	675	14
1957.....	600	473	8	45	54	20	\$119	818	14
1958.....	607	408	11	35	122	31	\$114	885	23
1959.....	660	368	11	58	149	74	\$93	981	45
1960.....	\$736	\$407	\$20	\$56	\$143	\$110	\$113	\$1,051	\$91
1960: July.....	\$83	\$53	3	5	12	\$10	\$12	\$95	\$9
August.....	\$62	\$31	2	5	13	\$11	\$14	\$99	\$9
September.....	\$62	\$30	2	5	14	\$11	\$14	\$107	\$10
October.....	\$65	\$34	2	5	13	\$11	\$12	106	\$10
November.....	66	\$36	2	5	13	\$10	\$10	92	\$9
December.....	\$62	\$36	2	4	11	\$9	\$9	\$83	6
1961: January.....	61	37	1	4	9	10	5	79	5
February.....	58	35	2	4	9	8	5	75	5
March.....	67	39	2	5	11	10	6	81	5
April.....	71	45	2	5	11	8	8	85	5
May.....	\$71	\$45	2	4	12	8	10	\$99	\$6
June.....	76	48	\$3	\$4	12	9	13	\$111	6
July.....	83	51	3	5	15	9	13	102	6
Percent change									
July 1960-61.....	0	- 4	0	0	+ 25	- 10	+ 8	+ 7	- 33
12 mos. ending									
July 1960-61.....	+ 15	+ 17	+ 79	- 7	+ 4	+ 28	+ 18	+ 14	+ 21

See footnotes at end of table.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, by Ownership, and by Type of Construction—Con.

(Millions of dollars)

Period	State and locally owned									
	Residential buildings	Nonresidential buildings					Highways	Sewer systems	Water systems	All other
		Total	Educational	Hospitals	Administrative and service	Other nonresidential				
1956.....	275	3,493	2,548	263	332	350	4,338	701	574	625
1957.....	351	3,907	2,817	309	385	396	4,835	781	563	649
1958.....	489	4,046	2,864	355	410	417	5,431	836	551	716
1959.....	474	3,854	2,645	370	419	420	5,777	906	561	884
1960.....	428	4,056	2,798	344	455	459	5,351	882	605	966
1960: July.....	37	381	262	31	45	43	589	81	54	98
August.....	35	386	261	31	49	45	631	81	58	110
September....	37	388	264	31	48	45	630	77	58	106
October.....	38	383	264	29	45	45	546	72	56	95
November.....	38	342	237	28	37	40	440	67	52	82
December.....	38	329	232	27	33	37	461	64	48	69
1961: January....	37	328	234	24	33	37	286	65	50	69
February.....	38	298	210	22	31	35	262	60	46	61
March.....	40	336	233	25	38	40	265	69	52	74
April.....	43	362	251	26	43	42	330	75	55	84
May.....	44	369	252	27	46	44	425	79	58	97
June.....	46	391	271	27	49	44	587	82	58	102
July.....	49	395	277	26	49	43	642	86	59	102
Percent change										
July 1960-61.....	+ 32	+ 4	+ 6	- 16	+ 9	0	+ 9	+ 6	+ 9	+ 1
12 mos. ending July										
1960-61.....	+ 15	+ 14	+ 15	- 6	+ 22	+ 18	+ 3	- 5	+ 12	+ 17

Source: Department of Commerce, Bureau of the Census. \* Revised.

NOTE: Beginning with January 1959 data include estimates for the value of new construction put in place in Alaska and Hawaii.

## COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

## NORTHEAST

1. New England  
Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

2. Middle Atlantic  
New Jersey  
New York  
Pennsylvania

## NORTH CENTRAL

3. E. N. Central  
Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin

4. W. N. Central  
Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

## SOUTH

5. S. Atlantic  
Delaware  
Dist. of Col.  
Florida  
Georgia  
Maryland  
N. Carolina  
S. Carolina  
Virginia  
W. Virginia

6. E. S. Central  
Alabama  
Kentucky  
Mississippi  
Tennessee  
7. W. S. Central  
Arkansas  
Louisiana  
Oklahoma  
Texas

## WEST

8. Mountain  
Arizona  
Colorado  
Idaho  
Montana  
Nevada  
New Mexico  
Utah  
Wyoming  
9. Pacific  
Alaska  
California  
Hawaii  
Oregon  
Washington

## Part B.—Housing

NOTE: The statistics shown in *italics* in this section relate to the "old" housing starts series which was terminated with April 1960 data. The "new" series overlaps the "old" one for the period January 1959-April 1960.

A description of the "new" series and a statement regarding conceptual, coverage, and methodological changes which affect the comparability of the two series appears in CONSTRUCTION REVIEW, June 1960, pp. 4-10.

Table B-1.—Housing Starts in the United States: Number and Percentage Distribution, by Ownership and Type of Structure

Period	Total	Ownership			Type of structure			Seasonally adjusted annual rate, private	
		Private		Public	1-family	2-family	3-or-more family	Total	Nonfarm
		Total	Nonfarm						
Old series	Number of units (in thousands)								
1956.....	1,118.1	.....	1,093.9	24.2	989.7	30.9	97.5	.....	.....
1957.....	1,041.9	.....	992.8	49.1	872.7	33.3	135.9	.....	.....
1958.....	1,209.4	.....	1,141.5	67.9	975.1	38.9	195.4	.....	.....
1959.....	1,378.5	.....	1,342.8	35.7	1,094.6	52.5	231.4	.....	.....
New series									
1959.....	1,553.1	1,516.8	1,494.6	36.7	1,250.7	58.5	244.3	.....	.....
1960.....	1,296.0	1,252.1	1,230.1	43.9	1,008.8	50.5	236.8	.....	.....
1960: June.....	128.2	122.8	121.2	5.4	101.9	4.8	21.4	1,279	1,264
July.....	118.3	114.3	112.6	4.0	93.1	4.7	20.6	1,227	1,209
August.....	135.1	130.3	128.2	4.8	107.0	4.5	23.6	1,355	1,335
September.....	102.6	96.9	94.9	5.7	80.3	3.7	18.6	1,089	1,067
October.....	113.2	110.4	107.3	2.8	86.7	4.0	22.6	1,273	1,237
November.....	94.5	92.8	91.8	1.7	70.4	3.4	20.8	1,220	1,206
December.....	70.9	64.2	63.7	6.7	48.0	3.5	19.4	996	987
1961: January.....	72.5	69.8	68.3	2.7	51.8	3.1	17.6	1,127	1,098
February.....	81.0	75.8	72.5	5.2	56.5	4.4	20.0	1,169	1,115
March.....	109.7	104.6	102.2	5.1	80.1	4.3	25.3	1,296	1,262
April.....	115.3	111.0	108.7	4.3	85.4	4.2	25.6	1,166	1,143
May.....	130.6	127.0	124.6	3.6	98.9	5.3	26.4	1,295	1,272
June.....	136.9	131.4	128.7	5.5	n.a.	n.a.	n.a.	1,374	1,347
Percent change									
June 1960-61.....	+ 6.8	+ 7.0	+ 6.2	+ 1.9	.....	.....	.....	.....	.....
First 6 mos. 1960-61.....	- 2.3	- 3.7	- 4.2	+ 45.1	1-11.6	1-2.7	1+28.0	.....	.....
Percentage distribution									
Old series									
1956.....	100	.....	97.8	2.2	88.5	2.8	8.7	.....	.....
1957.....	100	.....	95.3	4.7	83.8	3.2	13.0	.....	.....
1958.....	100	.....	94.4	5.6	80.6	3.2	16.2	.....	.....
1959.....	100	.....	97.4	2.6	79.4	3.8	16.8	.....	.....
New series									
1959.....	100	97.7	96.2	2.3	80.5	3.8	15.7	.....	.....
1960.....	100	96.6	94.9	3.4	77.8	3.9	18.3	.....	.....
1960: June.....	100	95.8	94.5	4.2	79.5	3.7	16.7	.....	.....
July.....	100	96.6	95.2	3.4	78.7	4.0	17.4	.....	.....
August.....	100	96.4	94.9	3.6	79.2	3.3	17.5	.....	.....
September.....	100	94.4	92.5	5.6	78.3	3.6	18.1	.....	.....
October.....	100	97.5	94.8	2.5	76.6	3.5	20.0	.....	.....
November.....	100	98.2	97.1	1.8	74.5	3.6	22.0	.....	.....
December.....	100	90.6	89.8	9.4	67.7	4.9	27.4	.....	.....
1961: January.....	100	96.3	94.2	3.7	71.4	4.3	24.3	.....	.....
February.....	100	93.6	89.5	6.4	69.8	5.4	24.7	.....	.....
March.....	100	95.4	93.2	4.6	73.0	3.9	23.1	.....	.....
April.....	100	96.3	94.3	3.7	74.1	3.6	22.2	.....	.....
May.....	100	97.2	95.4	2.8	75.7	4.1	20.2	.....	.....
June.....	100	96.0	94.0	4.0	n.a.	n.a.	n.a.	.....	.....

Source: Department of Commerce, Bureau of the Census. \*For seasonally adjusted annual rates pertaining to the "old" housing starts series, 1948-60 by month, see table B-2 in CONSTRUCTION REVIEW, June 1960. n.a. Not available. †Revised.

<sup>1</sup>First 5 months 1960-61.

Table B-2: Housing Starts in the United States: Number and Percentage Distribution, by Location

Period	Total	Metropolitan area *		Region **			
		Inside	Outside	Northeast	North Central	South	West
Number of units (in thousands)							
Old series							
1956.....	1, 118. 1	779. 8	338. 3	228. 8	303. 1	334. 2	252. 0
1957.....	1, 041. 9	699. 7	342. 2	195. 5	258. 4	346. 3	241. 7
1958.....	1, 209. 4	827. 0	382. 4	210. 9	289. 6	413. 3	295. 6
1959.....	1, 378. 5	946. 1	432. 4	253. 4	318. 5	459. 0	347. 6
New series							
1959.....	1, 553. 5	1, 076. 9	476. 6	279. 7	374. 8	521. 4	377. 6
1960.....	1, 296. 0	889. 0	407. 0	236. 5	303. 7	441. 3	314. 5
1960: June.....	128. 2	84. 4	43. 8	25. 1	36. 8	38. 0	28. 3
July.....	118. 3	82. 7	35. 6	21. 4	33. 1	37. 4	26. 4
August.....	135. 1	84. 7	50. 4	25. 8	32. 2	46. 4	30. 7
September.....	102. 6	68. 5	34. 1	21. 3	29. 2	33. 7	18. 4
October.....	113. 2	78. 0	35. 2	26. 9	26. 3	33. 0	27. 0
November.....	94. 5	66. 1	28. 4	23. 5	20. 1	30. 0	20. 9
December.....	70. 9	49. 8	21. 1	9. 7	15. 8	22. 5	22. 9
1961: January.....	72. 5	51. 2	21. 3	7. 1	12. 9	29. 3	23. 2
February.....	81. 0	55. 7	25. 3	12. 0	13. 9	32. 3	22. 8
March.....	109. 7	79. 2	30. 5	18. 2	21. 1	40. 2	30. 2
April.....	115. 3	79. 8	35. 5	25. 4	26. 0	38. 0	25. 8
May.....	130. 6	89. 1	41. 5	26. 9	31. 3	46. 8	25. 6
June.....	136. 9	94. 3	42. 6	n. a.	n. a.	n. a.	n. a.
Percent change							
June 1960-61.....	+ 6. 8	+ 11. 7	- 2. 7	.....	.....	.....	.....
First 6 mos. 1960-61..	- 2. 3	- 2. 2	- 2. 7	+ 8. 2	- 4. 5	- 6. 8	- 8. 8
Percentage distribution							
Old series							
1956.....	100	69. 7	30. 3	20. 5	27. 1	29. 9	22. 5
1957.....	100	67. 2	32. 8	18. 8	24. 8	33. 2	23. 2
1958.....	100	68. 4	31. 6	17. 4	23. 9	34. 2	24. 5
1959.....	100	68. 6	31. 4	18. 4	23. 1	33. 3	25. 2
New series							
1959.....	100	69. 3	30. 7	18. 0	24. 1	33. 6	24. 3
1960.....	100	68. 6	31. 4	18. 2	23. 4	34. 1	24. 3
1960: June.....	100	65. 8	34. 2	19. 6	28. 7	29. 6	22. 1
July.....	100	69. 9	30. 1	18. 1	28. 0	31. 6	22. 3
August.....	100	62. 7	37. 3	19. 1	23. 8	34. 3	22. 7
September.....	100	66. 8	33. 2	20. 8	28. 5	32. 8	17. 9
October.....	100	68. 9	31. 1	23. 8	23. 2	29. 2	23. 9
November.....	100	69. 9	30. 1	24. 9	21. 3	31. 7	22. 1
December.....	100	70. 2	29. 8	13. 7	22. 3	31. 7	32. 3
1961: January.....	100	70. 6	29. 4	9. 8	17. 8	40. 4	32. 0
February.....	100	68. 8	31. 2	14. 8	17. 2	39. 9	28. 1
March.....	100	72. 2	27. 8	16. 6	19. 2	36. 6	27. 5
April.....	100	69. 2	30. 8	22. 0	22. 5	33. 0	22. 4
May.....	100	68. 2	31. 8	20. 6	24. 0	35. 8	19. 6
June.....	100	68. 9	31. 1	n. a.	n. a.	n. a.	n. a.

Source: Department of Commerce, Bureau of the Census. \*Beginning with January 1959, distribution is based on 1959 definitions (Standard Metropolitan Statistical Areas, 1959, Bureau of the Budget). Beginning with January 1961, distribution is based on 1961 revision (Standard Metropolitan Statistical Areas, 1961, Bureau of the Budget). \*\*Composition of regions is shown below Table A-3. n.a.—Not available. † Revised. ‡ First 5 months 1960-61.

Table B-3: New Private NonFarm 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
Old series													
1950.....	\$7,625	\$7,850	\$8,225	\$8,450	\$8,450	\$8,750	\$8,875	\$9,125	\$8,900	\$9,200	\$9,075	\$9,200	\$8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958.....	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,950
1959.....	12,450	12,300	13,250	13,650	13,750	13,725	13,550	13,600	13,700	13,800	13,700	13,450	13,450
1960.....	13,600	13,650	13,975	13,850									
New series													
1959.....	12,500	12,475	13,250	13,600	13,750	13,875	13,600	13,325	13,300	13,925	13,475	13,200	13,425
1960.....	13,350	13,175	13,825	14,000	14,000	13,925	13,575	13,150	13,925	14,575	13,600	14,200	13,775
1961.....	13,200	13,725	13,875	14,000	13,675								
Percent change, 1961 from 1960													
	- 1.1	+ 4.2	+ .4	+ 0	- 2.3								

Source: Department of Commerce, Bureau of the Census. Note: The new series on average construction costs of new nonfarm 1-family houses is derived in the same way as the old and reflects only the new level of starts. <sup>\*</sup>Revised.

Table B-4: Housing Under Federal Government Programs

Period	FHA <sup>*</sup>			VA			Number of starts in FHA and VA programs as a percent <sup>**</sup> of private nonfarm starts		
	Applications received	First inspection (starts)	Mortgages insured	Appraisal requests	First inspection (starts)	Loans guaranteed	Total	FHA	VA
Number of dwelling units (in thousands)									
1956.....	219.4	189.3	109.9	401.5	270.7	313.3	42	17	25
1957.....	229.7	168.4	92.6	159.4	128.3	218.8	30	17	13
1958.....	395.9	295.4	157.0	234.2	102.1	94.1	33	26	9
1959.....	420.9	332.5	227.8	234.0	109.3	145.4	29	22	7
1960.....	301.8	260.9	204.0	142.9	74.6	104.8	27	21	6
1960: June.....	29.2	26.5	16.7	15.2	7.7	9.5	28	22	6
July.....	24.0	23.6	15.8	8.5	7.4	8.4	29	22	7
August.....	27.4	26.3	19.1	12.4	8.2	9.4	28	21	7
September.....	23.3	21.9	18.7	11.6	6.8	8.8	30	23	7
October.....	23.3	22.6	17.8	10.0	5.9	8.3	27	21	6
November.....	18.9	20.2	17.5	10.3	5.5	7.6	28	22	6
December.....	20.1	13.8	17.2	10.0	4.8	7.3	28	21	7
1961: January.....	21.5	14.0	17.2	9.4	4.9	6.8	27	20	7
February.....	22.4	13.0	13.6	12.0	4.9	5.5	25	18	7
March.....	30.2	20.1	13.4	17.7	6.4	6.3	26	20	6
April.....	23.9	20.1	12.3	17.5	6.1	5.3	24	18	6
May.....	29.9	23.7	13.4	14.7	8.0	5.6	25	19	6
June.....	31.4	21.9	15.4	17.6	7.8	6.0	23	17	6
Percent change									
June 1960-61.....	+ 7.8	- 17.1	- 8.1	+ 16.0	+ .7	- 36.7	.....	.....	.....
12 months ending									
June 1960-61.....	- 10.0	- 17.5	- 9.3	- 18.2	- 15.0	- 30.6	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSD) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. <sup>\*</sup>Excludes units under military and armed services programs. <sup>\*\*</sup>Percentages shown in italics are based on private nonfarm housing starts, "old series." <sup>\*</sup>Revised.

**Table B-5: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Value by Type of Lender**  
(Excludes Alaska and Hawaii)

Period	Number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by—						
			All lenders	Savings and loan associa- tions	Insurance companies	Commer- cial banks	Mutual savings banks	Individ- uals	All other lenders
1956.....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957.....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958.....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
1959.....	3,782	8,522	32,235	13,094	1,523	5,832	1,780	3,946	6,060
1960.....	3,472	8,450	29,341	12,158	1,318	4,520	1,557	4,001	5,787
1960: May.....	300	9,323	2,500	1,051	114	402	120	339	474
June.....	315	8,547	2,690	1,167	119	415	138	348	503
July.....	298	8,479	2,528	1,048	116	378	145	350	491
August.....	325	8,554	2,784	1,201	123	406	158	359	537
September.....	307	8,455	2,598	1,097	111	381	145	344	520
October.....	298	8,469	2,525	1,052	106	372	146	329	520
November.....	290	8,493	2,378	978	97	363	143	306	491
December.....	273	8,574	2,338	961	95	361	132	301	488
1961: January.....	245	8,419	2,075	830	83	337	110	295	420
February.....	240	8,323	1,997	838	78	321	95	266	399
March.....	297	8,531	2,444	1,060	94	395	106	317	472
April.....	274	8,616	2,358	1,038	90	386	114	288	442
May.....	308	8,780	2,700	1,199	100	444	138	314	505
Percent change									
May 1960-61.....	+ 3	+ 5	+ 8	+ 14	- 12	+ 10	+ 15	- 7	+ 7
12 mos. ending									
May 1960-61.....	- 5		- 5	- 1	- 19	- 13	- 8	- 5	- 2

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board.

**Table B-8.—Mobile Homes and Travel Trailers: Manufacturers Shipments**

Period	Total	Mobile homes	Travel trailers	Total shipments as a percent of private housing starts
Number of units				
1956.....	139,690	n.a.	n.a.	<sup>1</sup> 12.8
1957.....	143,490	n.a.	n.a.	<sup>1</sup> 14.5
1958.....	133,800	n.a.	n.a.	<sup>1</sup> 11.7
1959.....	162,500	120,500	42,000	10.7
1960.....	<sup>1</sup> 144,000	<sup>1</sup> 103,700	<sup>1</sup> 40,300	<sup>1</sup> 11.5
1960: June.....	<sup>1</sup> 16,010	<sup>1</sup> 10,350	<sup>1</sup> 5,660	<sup>1</sup> 13.0
July.....	<sup>1</sup> 12,150	<sup>1</sup> 7,660	<sup>1</sup> 4,490	<sup>1</sup> 10.6
August.....	<sup>1</sup> 14,210	<sup>1</sup> 10,190	<sup>1</sup> 4,020	<sup>1</sup> 10.9
September.....	<sup>1</sup> 12,770	<sup>1</sup> 9,960	<sup>1</sup> 2,810	<sup>1</sup> 13.2
October.....	<sup>1</sup> 11,230	<sup>1</sup> 8,730	<sup>1</sup> 2,500	<sup>1</sup> 10.2
November.....	<sup>1</sup> 8,300	<sup>1</sup> 6,360	<sup>1</sup> 1,940	<sup>1</sup> 8.9
December.....	<sup>1</sup> 7,500	<sup>1</sup> 5,680	<sup>1</sup> 1,820	<sup>1</sup> 11.7
1961: January.....	<sup>1</sup> 6,940	<sup>1</sup> 5,450	<sup>1</sup> 1,490	<sup>1</sup> 9.9
February.....	<sup>1</sup> 8,680	<sup>1</sup> 6,320	<sup>1</sup> 2,360	<sup>1</sup> 11.5
March.....	<sup>1</sup> 11,280	<sup>1</sup> 7,770	<sup>1</sup> 3,510	<sup>1</sup> 10.8
April.....	<sup>1</sup> 11,610	<sup>1</sup> 7,500	<sup>1</sup> 4,110	<sup>1</sup> 10.5
May.....	<sup>1</sup> 14,100	<sup>1</sup> 8,810	<sup>1</sup> 5,290	<sup>1</sup> 11.1
June.....	13,550	8,090	5,460	10.3
Percent change				
June 1960-61.....	- 15.4	- 21.8	- 3.5	
12 months ending June 1960-61...	- 15.4	- 19.8	- 3.2	

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Mobile Homes Manufacturers' Association.

<sup>1</sup> Percentage shown in italics is based on private nonfarm housing starts, "old series." n.a.—Not available. <sup>1</sup> Revised.

## Part C.—Building Permits

See note at beginning of Part C in September 1960 issue for description of series now being presented.

Table C-1.—Summary of Private Construction Authorized by Building Permits in 10,000\* Permit-Issuing Places in the United States:

Type of construction	Valuation (in millions of dollars)						Percent change	
	1961			May 1960	First 5 months		May 1960-61	1st 5 months 1960-61
	March	April	May		1960	1961		
All authorized construction**.....	1,794	1,875	2,074	2,002	8,035	8,158	+4	+2
New housing units†.....	1,036	1,058	1,212	1,179	4,762	4,600	+3	-3
New nonresidential buildings.....	533	558	620	578	2,275	2,475	+7	+9
Industrial buildings.....	95	79	76	94	398	379	-19	-5
Office buildings.....	103	77	135	116	396	433	+16	+9
Stores and other mercantile buildings	109	125	108	107	474	502	+1	+6
Religious buildings.....	45	56	74	49	215	230	+51	+7
Residential garages.....	13	17	22	24	68	62	-8	-9
All other nonresidential buildings..	169	205	205	188	723	868	+9	+20
Additions and alterations.....	203	190	224	225	887	890	( <sup>1</sup> )	( <sup>1</sup> )

Source: Department of Commerce, Bureau of the Census. \*Estimated data for the entire universe of more than 10,000 permit-issuing places is based upon monthly reports from about 3,500 permit-issuing places which account for more than 90 percent of total permit-authorized construction. \*\*Includes data for new nonhousekeeping residential buildings, not shown separately. †Housekeeping only. <sup>1</sup>Change of less than one-half of 1 percent.

Table C-2.—Authorized New Residential Construction in 10,000\* Permit-Issuing Places in the United States: Valuation and Number, by Ownership and Type of Structure  
(Housekeeping units only)

Ownership and type of structure	Valuation (in millions of dollars)					Number of housing units				
	1961		May 1960	First 5 months		1961		May 1960	First 5 months	
	April	May		1960	1961	April	May		1960	1961
All new housing units.....	<sup>†</sup> 1,093	1,243	1,204	4,872	4,791	<sup>†</sup> 96,441	107,367	105,480	432,729	423,808
Private (permit authorized).....	1,058	1,212	1,179	4,761	4,600	93,319	104,467	103,290	423,356	407,387
1-family.....	851	966	974	4,021	3,660	65,581	73,724	76,176	322,158	284,870
2-family.....	30	32	31	136	129	3,676	3,880	3,791	17,563	16,200
3-4 family.....	21	20	15	71	84	2,779	2,592	2,222	9,527	11,222
5-or-more family....	157	194	159	534	728	21,283	24,271	21,101	74,108	95,095
Public (contract awards)	<sup>†</sup> 35	32	25	110	191	<sup>†</sup> 3,122	2,900	2,190	9,373	16,421

See footnotes to table C-1 above.

<sup>†</sup>Revised.

Table C-3.—Authorized New Residential Construction in 3,014 Permit-Issuing Places in the United States: Valuation and Number, by Region, Ownership and Type of Structure  
(Housekeeping units only)

	Valuation (in millions of dollars)					Number of units				
	1961		May 1960	First 5 months		1961		May 1960	First 5 months	
	April	May		1960	1961	April	May		1960	1961
UNITED STATES										
All new housing units..	986.5	1,131.0	1,083.2	4,472.5	4,387.4	87,220	98,489	95,860	399,603	390,231
Private (permit au- thorized) .....	956.8	1,103.1	1,058.4	4,375.1	4,222.9	84,579	95,977	93,670	391,386	376,167
1-family .....	756.4	863.8	861.7	3,656.9	3,307.7	57,701	65,904	67,656	293,338	256,740
2-4 family .....	44.9	47.7	44.6	197.8	196.1	5,875	6,052	5,853	25,970	25,362
5-or-more-family	155.5	191.6	152.0	520.4	719.1	21,003	24,021	20,161	72,079	94,065
Public (contract awards) .....	29.7	27.9	24.8	97.4	164.5	2,641	2,512	2,190	8,217	14,064
Northeast										
All new housing units..	220.5	241.8	225.1	804.7	824.2	19,452	21,758	20,159	71,128	74,547
Private .....	203.0	232.8	224.6	776.9	754.3	17,881	20,940	20,099	69,050	68,464
1-family .....	134.6	155.6	154.6	567.6	502.0	9,903	11,536	11,782	43,430	37,481
2-4 family .....	11.3	13.0	14.1	52.0	45.5	1,400	1,650	1,725	6,585	5,699
5-or-more-family	57.1	64.2	55.9	157.1	206.8	6,578	7,754	6,592	19,035	25,284
Public .....	17.5	8.9	.5	27.8	69.9	1,571	818	60	2,078	6,083
North Central										
All new housing units..	247.6	273.5	287.8	1,062.0	1,018.3	18,665	21,013	22,168	81,307	78,582
Private .....	240.6	270.6	278.5	1,026.3	981.1	18,123	20,803	21,334	78,278	75,622
1-family .....	205.8	227.1	242.4	903.7	802.7	14,104	15,665	16,978	63,615	55,835
2-4 family .....	11.8	11.7	9.2	49.9	48.5	1,337	1,303	1,002	4,900	5,203
5-or-more-family	23.0	31.8	26.8	72.7	129.8	2,682	3,835	3,354	9,763	14,584
Public .....	7.0	2.9	9.3	35.7	37.2	542	210	834	3,029	2,960
South										
All new housing units..	242.6	293.8	270.5	1,238.2	1,172.9	24,221	27,642	26,935	122,058	114,788
Private .....	239.8	279.3	264.8	1,218.8	1,140.3	23,896	26,322	26,323	120,075	111,742
1-family .....	208.8	240.2	235.9	1,111.8	985.5	18,241	20,887	21,294	102,021	87,375
2-4 family .....	5.3	6.7	5.5	28.2	26.2	900	999	994	5,108	4,452
5-or-more-family	25.7	32.4	23.5	79.0	128.8	4,755	4,436	4,035	12,946	19,915
Public .....	2.8	14.5	5.7	19.4	32.6	325	1,320	612	1,983	3,046
West										
All new housing units..	275.8	321.9	299.6	1,367.7	1,372.4	24,882	28,076	26,598	125,110	122,314
Private .....	273.5	320.4	290.4	1,353.0	1,347.4	24,679	27,912	25,914	123,983	120,339
1-family .....	207.2	240.9	228.8	1,073.8	1,017.5	15,453	17,816	17,602	84,272	76,049
2-4 family .....	16.5	16.3	15.7	67.7	76.0	2,238	2,100	2,132	9,377	10,008
5-or-more-family..	49.8	63.2	45.9	211.5	253.9	6,988	7,996	6,180	30,334	34,282
Public .....	2.3	1.6	9.2	14.7	25.0	203	164	684	1,127	1,975

Source: Department of Commerce, Bureau of the Census.

\*Composition of regions is shown below table A-3.

† Revised.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region\* and Type of Construction

(Millions of dollars)

Type of construction	1961			May 1960	First 5 months		Percent change, 1st 5 mos. 1960-61
	March	April	May		1960	1961	
United States							
All authorized private construction**	1,632.4	1,670.5	1,862.2	1,806.9	7,315.2	7,395.6	+ 1
New housing units †	950.3	956.8	1,103.1	1,058.4	4,375.1	4,222.9	- 3
New nonresidential buildings	482.4	479.2	547.6	536.9	2,063.8	2,204.8	+ 7
Industrial buildings	85.8	74.0	66.4	85.6	360.7	333.3	- 8
Office buildings	96.4	70.3	120.9	110.6	365.2	397.2	+ 9
Service stations and repair garages	9.9	10.1	12.5	10.2	47.6	48.8	+ 3
Stores and other mercantile buildings	97.9	108.6	104.5	100.5	451.9	460.4	+ 2
Religious buildings	33.2	45.0	51.7	43.3	172.8	178.7	+ 3
Educational buildings	43.2	49.6	55.0	35.3	175.2	208.9	+19
Hospitals and other institutional buildings	31.8	37.6	35.6	59.4	136.3	164.7	+21
Amusement buildings	19.2	25.7	29.2	23.0	90.0	94.5	+ 5
Residential garages	10.9	14.8	18.6	20.4	59.2	53.7	- 9
All other nonresidential buildings	54.2	43.7	53.3	48.8	204.7	264.9	+29
Additions and alterations	178.8	168.3	194.3	195.7	775.3	781.4	+ 1
Northeast							
All authorized private construction**	307.7	395.1	388.3	422.6	1,414.4	1,436.8	+ 2
New housing units †	167.5	203.0	232.8	224.6	776.9	754.3	- 3
New nonresidential buildings	102.2	112.1	105.8	162.6	468.4	425.8	- 9
Industrial buildings	16.9	20.0	13.0	15.8	75.8	70.3	- 7
Office buildings	20.4	17.2	16.4	54.4	100.0	72.9	-27
Service stations and repair garages	1.5	1.3	1.5	1.4	6.3	6.0	- 5
Stores and other mercantile buildings	16.7	20.4	19.4	13.7	77.9	76.2	- 2
Religious buildings	5.9	12.8	7.9	9.2	34.4	32.2	- 6
Educational buildings	20.6	17.9	15.0	17.0	70.0	69.3	- 1
Hospitals and other institutional buildings	7.1	8.8	6.8	32.2	43.0	30.6	-29
Amusement buildings	3.2	4.1	14.5	8.8	24.8	25.0	+ 1
Residential garages	1.9	2.8	3.5	3.4	9.7	9.1	- 6
All other nonresidential buildings	7.8	6.8	7.9	6.7	26.6	34.2	+29
Additions and alterations	35.2	35.1	45.1	34.2	150.1	153.2	+ 2
North Central							
All authorized private construction**	403.9	428.8	477.7	468.9	1,713.9	1,825.6	+ 7
New housing units †	223.7	240.6	270.6	278.5	1,026.3	981.1	- 4
New nonresidential buildings	135.6	139.1	155.0	133.6	490.5	533.0	+29
Industrial buildings	34.2	20.2	17.8	28.7	102.4	101.0	- 1
Office buildings	27.3	17.6	33.4	21.1	68.6	93.6	+36
Service stations and repair garages	2.7	3.5	3.9	3.5	13.5	15.1	+12
Stores and other mercantile buildings	19.6	26.8	28.6	26.1	96.2	113.4	+18
Religious buildings	9.3	10.7	16.1	13.0	46.9	48.6	+ 4
Educational buildings	11.7	16.0	16.4	9.7	51.2	68.9	+35
Hospitals and other institutional buildings	12.1	17.4	15.0	5.0	23.4	63.8	+173
Amusement buildings	4.2	9.4	4.3	4.0	17.8	22.1	+24
Residential garages	4.7	7.8	10.4	12.6	29.9	25.7	-14
All other nonresidential buildings	9.8	9.6	9.0	9.9	40.4	80.8	+100
Additions and alterations	39.1	44.0	48.1	50.8	179.8	186.8	+ 4

See footnotes at end of table.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region\* and Type of Construction—Con.

(Millions of dollars)

Type of construction	1961			May 1960	First 5 months		Percent change, 1st 5 mos. 1960-61
	March	April	May		1960	1961	
South							
All authorized private construction**	434.7	401.2	490.3	447.9	2,020.9	1,952.7	- 3
New housing units†	264.5	239.8	279.3	264.8	1,218.8	1,140.3	- 6
New nonresidential buildings	111.4	109.2	156.4	118.9	553.9	563.9	+ 2
Industrial buildings	14.2	15.4	16.3	17.9	73.5	63.9	-13
Office buildings	14.9	15.2	34.7	18.7	96.0	91.1	- 5
Service stations and repair garages	2.7	2.5	4.0	3.0	14.9	14.0	- 6
Stores and other mercantile buildings	30.8	28.9	33.5	33.0	152.2	141.8	- 7
Religious buildings	10.6	14.0	18.5	13.4	61.8	62.3	+ 1
Educational buildings	6.1	9.0	14.2	5.8	37.0	42.4	+15
Hospitals and other institutional buildings	5.6	9.8	9.6	7.2	31.5	48.5	+54
Amusement buildings	6.8	3.9	5.8	5.6	24.6	23.6	- 4
Residential garages	2.0	1.7	2.0	2.1	8.8	8.0	- 9
All other nonresidential buildings	17.6	9.0	17.9	12.2	53.5	68.5	+28
Additions and alterations	52.5	43.1	51.9	59.1	215.1	219.1	+ 2
West							
All authorized private construction**	486.1	445.4	505.8	467.6	2,165.5	2,180.4	+ 1
New housing units†	294.6	273.5	320.4	290.4	1,353.0	1,347.4	(1)
New nonresidential buildings	133.4	118.9	130.4	121.8	551.2	582.3	+ 6
Industrial buildings	20.4	18.4	19.3	23.1	109.1	97.9	-10
Office buildings	33.8	20.8	36.4	16.4	100.7	139.7	+39
Service stations and repair garages	3.0	2.8	3.1	2.3	12.9	13.7	+ 6
Stores and other mercantile buildings	30.8	32.4	23.0	27.7	125.9	128.8	+ 2
Religious buildings	7.4	7.5	9.2	7.7	29.8	35.7	+20
Educational buildings	4.8	6.6	9.4	2.8	16.8	28.4	+69
Hospitals and other institutional buildings	7.0	1.6	4.2	14.9	38.1	21.8	-43
Amusement buildings	4.9	8.4	4.5	4.6	22.8	23.7	+ 4
Residential garages	2.3	2.5	2.7	2.4	11.0	11.0	0
All other nonresidential buildings	18.9	18.3	18.5	20.0	84.3	81.3	- 4
Additions and alterations	51.9	46.1	49.3	51.6	230.4	222.3	- 4

Source: Department of Commerce, Bureau of the Census. \* Composition of region is shown below table A-3. \*\* Includes data for new nonhousekeeping residential buildings, not shown separately. † Housekeeping only. <sup>1</sup> Change of less than one-half of 1 percent.

Table C-5.—New Private Nonresidential Building Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Number for Selected Types of Buildings

Type of building	1960				1961				
	May	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Industrial buildings	1,196	1,082	936	760	705	754	972	976	1,042
Office buildings	734	725	649	479	571	576	784	701	770
Service stations and repair garages	666	609	541	475	515	522	679	617	748
Stores and other mercantile buildings	2,477	2,094	1,894	1,426	1,626	1,435	2,290	2,231	2,329
Religious buildings	531	496	422	303	309	309	439	451	524
Educational buildings	162	152	99	97	87	143	158	169	198
Hospitals and other institutional buildings	121	95	73	73	61	68	106	72	109
Amusement buildings	377	197	252	143	155	215	272	328	368
Residential garages	19,779	17,248	10,959	4,614	4,008	4,686	10,050	13,612	16,962

Source: Department of Commerce, Bureau of the Census.

Table C-6.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by State

State	Valuation (in millions of dollars)						Percent change	
	1961			May 1960	First 5 months		May 1960-61	1st 5 months 1960-61
	March	April	May		1960	1961		
All States .....	1,632.4	1,670.5	1,862.2	1,806.9	7,315.2	7,395.6	+ 3	+ 1
Alabama .....	15.8	17.5	16.0	17.3	74.3	75.4	- 8	+ 1
Alaska .....	2.8	.5	2.0	2.6	4.6	5.6	-23	+22
Arizona .....	26.5	25.1	27.0	24.2	130.4	121.7	+12	- 7
Arkansas .....	5.5	4.4	4.4	4.8	25.2	21.5	- 8	-15
California .....	327.4	298.5	352.8	304.1	1,465.1	1,491.1	+16	+ 2
Colorado .....	27.6	25.8	24.9	27.3	101.1	120.8	- 9	+19
Connecticut .....	40.3	31.6	31.1	29.3	132.6	127.9	+ 6	- 4
Delaware .....	3.8	3.8	4.4	5.3	20.6	17.7	-17	-14
District of Columbia .....	3.8	3.2	1.7	2.9	22.2	16.4	-41	-26
Florida .....	87.4	73.6	95.9	86.2	450.7	398.7	+11	-12
Georgia .....	26.4	24.1	30.2	34.2	135.7	125.8	-12	- 7
Hawaii .....	10.9	12.7	8.7	11.6	72.7	52.6	-25	-28
Idaho .....	2.6	3.5	3.8	3.2	13.0	14.0	+19	+ 8
Illinois .....	102.1	105.7	133.8	118.9	411.8	470.0	+13	+14
Indiana .....	31.8	35.9	34.9	40.0	132.5	139.7	-13	+ 5
Iowa .....	11.9	17.5	18.6	13.5	51.8	59.7	+38	+15
Kansas .....	10.9	15.2	11.4	9.7	49.2	53.2	+18	+ 8
Kentucky .....	10.9	11.3	14.2	16.4	54.5	48.0	-13	-12
Louisiana .....	16.8	17.8	27.8	22.1	101.8	97.5	+26	- 4
Maine .....	3.7	4.6	5.7	3.7	12.2	15.5	+54	+27
Maryland .....	38.3	44.8	42.4	47.6	177.9	160.4	-11	-10
Massachusetts .....	37.8	45.6	48.5	38.9	164.0	161.3	+25	- 2
Michigan .....	59.4	55.8	66.2	64.3	243.6	253.6	+ 3	+ 4
Minnesota .....	20.5	30.3	30.7	26.9	98.1	107.0	+14	+ 9
Mississippi .....	6.0	7.2	6.5	8.6	27.6	30.5	-24	+11
Missouri .....	38.0	26.1	29.1	29.2	126.1	180.4	( <sup>1</sup> )	+43
Montana .....	3.4	3.0	2.9	4.1	12.1	12.8	-29	+ 6
Nebraska .....	8.1	10.0	9.5	8.4	30.3	38.6	+13	+27
Nevada .....	11.9	10.1	8.8	8.5	42.7	47.6	+ 4	+11
New Hampshire .....	1.8	4.0	4.8	2.2	10.1	12.6	+118	+25
New Jersey .....	48.9	58.6	61.8	65.8	249.1	230.7	- 6	- 7
New Mexico .....	8.3	5.4	5.7	9.2	37.3	30.9	-38	-17
New York .....	124.6	191.4	167.3	226.4	598.1	649.5	-26	+ 9
North Carolina .....	21.2	18.0	23.1	26.0	99.9	90.1	-11	-10
North Dakota .....	2.3	5.3	4.8	6.2	13.6	14.9	-23	+10
Ohio .....	76.1	89.7	97.8	115.8	414.5	358.2	-16	-14
Oklahoma .....	13.2	14.9	18.4	11.8	62.8	65.4	+56	+ 4
Oregon .....	15.1	16.4	21.0	21.4	83.2	75.4	- 2	- 9
Pennsylvania .....	45.0	52.2	62.0	50.0	219.8	211.4	+24	- 4
Rhode Island .....	5.2	6.3	5.8	5.7	25.6	24.5	+ 2	- 4
South Carolina .....	5.7	4.6	4.6	6.5	28.6	22.5	-29	-21
South Dakota .....	2.5	3.3	3.9	3.1	11.5	11.8	+26	+ 3
Tennessee .....	19.2	21.6	22.3	20.3	84.0	88.8	+10	+ 6
Texas .....	110.1	93.1	114.1	87.9	434.1	482.8	+30	+11
Utah .....	11.1	8.9	14.1	11.8	46.0	48.2	+19	+ 5
Vermont .....	.5	.8	1.3	.6	2.9	3.4	+117	+17
Virginia .....	47.3	36.5	61.3	46.6	201.0	197.1	+32	- 2
Washington .....	36.0	33.4	31.7	36.1	145.3	150.2	-12	+ 3
West Virginia .....	3.4	4.5	3.1	3.5	21.0	14.1	-11	-33
Wisconsin .....	40.3	34.1	37.1	32.9	130.8	138.7	+13	+6
Wyoming .....	2.5	2.1	2.5	3.3	11.8	9.6	-24	-19

<sup>1</sup>Change of less than one-half of 1 percent.

Source: Department of Commerce, Bureau of the Census.

Table C-7.—Number of Housekeeping Units in Authorized\* New Residential Construction in 3,014 Permit-Issuing Places in the United States, by State

State	Number of housekeeping units						Percent change	
	1961			May 1960	First 5 months		May 1960-61	1st 5 months 1960-61
	March	April	May		1960	1961		
All states .....	87,340	<sup>r</sup> 87,220	98,489	95,860	399,603	390,231	+ 3	- 2
Alabama .....	945	1,016	1,248	1,110	4,550	4,794	+ 12	+ 5
Alaska .....	15	12	64	51	91	99	+ 25	+ 9
Arizona .....	1,929	1,394	1,963	1,775	9,806	8,178	+ 11	- 17
Arkansas .....	310	285	371	277	1,313	1,449	+ 34	+ 10
California .....	18,161	16,899	19,548	17,659	85,565	84,056	+ 11	- 2
Colorado .....	2,142	1,950	1,712	1,643	6,503	8,468	+ 4	+ 30
Connecticut .....	1,326	1,505	1,427	1,610	6,739	5,844	- 11	- 13
Delaware .....	163	265	156	204	1,074	809	- 24	- 25
District of Columbia .....	169	54	44	293	1,059	638	- 85	- 40
Florida .....	5,706	4,708	5,867	5,613	32,256	25,764	+ 5	- 20
Georgia .....	2,134	1,637	2,048	2,746	9,602	8,559	- 25	- 11
Hawaii .....	608	498	410	780	3,930	2,664	- 47	- 32
Idaho .....	87	122	152	126	541	521	+ 21	- 4
Illinois .....	4,843	4,813	4,929	5,485	19,407	21,091	- 10	+ 9
Indiana .....	1,196	1,425	1,594	1,696	5,942	5,658	- 6	- 5
Iowa .....	504	654	620	628	2,429	2,296	- 1	- 5
Kansas .....	654	468	727	444	2,267	2,626	+ 64	+ 16
Kentucky .....	751	677	733	859	3,040	2,770	- 15	- 9
Louisiana .....	753	919	1,029	995	4,518	4,052	+ 3	- 10
Maine .....	52	140	198	198	494	430	0	- 13
Maryland .....	2,117	2,737	2,655	2,793	9,498	9,838	- 5	+ 4
Massachusetts .....	1,850	<sup>r</sup> 2,108	2,759	1,754	7,626	8,088	+ 57	+ 6
Michigan .....	2,264	2,307	2,758	2,885	10,962	10,130	- 4	- 8
Minnesota .....	1,096	<sup>r</sup> 1,390	1,473	1,468	4,629	5,251	( <sup>1</sup> )	+ 13
Mississippi .....	341	426	614	723	1,979	2,005	- 15	+ 1
Missouri .....	2,127	1,319	1,608	1,345	6,801	7,234	+ 20	+ 6
Montana .....	148	187	166	194	551	749	- 14	+ 36
Nebraska .....	629	1,090	550	647	1,950	3,141	- 15	+ 61
Nevada .....	637	434	473	425	2,112	2,537	+ 11	+ 20
New Hampshire .....	124	257	163	115	529	626	+ 42	+ 18
New Jersey .....	2,599	2,735	3,379	3,093	12,470	11,650	+ 9	- 7
New Mexico .....	394	400	353	391	2,128	1,808	- 10	- 15
New York .....	7,232	9,560	9,956	10,136	30,104	35,194	- 2	+ 17
North Carolina .....	1,598	1,161	1,286	922	4,248	5,488	+ 39	+ 29
North Dakota .....	94	147	343	200	494	654	+ 72	+ 32
Ohio .....	3,177	3,487	4,573	5,566	19,231	14,672	- 18	- 24
Oklahoma .....	851	781	662	622	3,468	3,511	+ 6	+ 1
Oregon .....	718	824	728	1,027	3,827	3,507	- 29	- 8
Pennsylvania .....	2,625	<sup>r</sup> 2,768	3,468	2,858	11,798	11,385	+ 21	- 4
Rhode Island .....	323	344	367	359	1,265	1,215	+ 2	- 4
South Carolina .....	265	235	711	253	1,172	1,535	+ 181	+ 31
South Dakota .....	125	211	164	149	478	633	+ 10	+ 32
Tennessee .....	1,308	1,422	1,431	1,390	6,439	5,891	+ 3	- 9
Texas .....	5,964	5,503	5,136	4,835	25,070	25,230	+ 6	+ 1
Utah .....	659	486	977	672	2,575	2,832	+ 45	+ 10
Vermont .....	29	35	41	36	103	115	+ 14	+ 12
Virginia .....	2,904	2,291	3,517	3,124	12,144	11,960	+ 13	- 2
Washington .....	1,494	1,573	1,432	1,695	6,873	6,506	- 16	- 5
West Virginia .....	136	104	134	176	628	497	- 24	- 21
Wisconsin .....	975	1,354	1,674	1,655	6,717	5,196	+ 1	- 23
Wyoming .....	89	103	98	160	608	387	- 39	- 36

<sup>1</sup> Change of less than one-half of 1 percent.

\*In building permits and public housing contract awards.

<sup>r</sup> Revised.

Source: Department of Commerce, Bureau of the Census.

\*In building permits and public housing contract awards.  
Source: Department of Commerce, Bureau of the Census.

Table C-8.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas\*

Metropolitan area	Valuation (in millions of dollars)								
	1960				1961				
	May	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Atlanta, Ga.....	25.3	13.8	15.3	13.6	18.8	11.5	18.3	15.3	21.0
Baltimore, Md.....	21.6	14.4	13.9	11.6	9.6	7.3	15.9	16.6	15.3
Birmingham, Ala.....	8.8	5.7	4.9	3.5	6.1	4.1	5.6	6.8	5.7
Boston, Mass.....	23.1	25.1	19.3	17.5	10.4	6.3	21.3	27.1	25.8
Buffalo, N. Y.....	10.6	8.1	6.8	4.3	3.9	2.7	5.3	7.8	11.9
Chicago, Ill.....	100.9	81.0	66.6	56.7	46.9	65.6	85.2	88.2	114.8
Cleveland, Ohio.....	33.4	17.5	18.9	14.6	10.8	11.1	22.1	26.6	20.9
Columbus, Ohio.....	15.0	13.3	10.8	6.3	3.1	4.6	9.2	11.3	9.6
Denver, Colo.....	22.7	14.9	14.7	9.8	14.2	21.8	23.1	19.8	18.9
Detroit, Mich.....	35.7	29.8	23.1	12.8	31.8	17.9	29.6	32.4	38.9
Indianapolis, Ind.....	9.3	5.7	4.7	5.5	7.5	4.9	8.5	14.8	9.2
Los Angeles-Long Beach, Calif..	136.2	134.2	104.5	117.0	122.7	136.2	166.4	135.6	178.8
Miami, Fla.....	16.4	13.8	22.2	14.9	15.5	15.0	15.4	17.1	21.4
Milwaukee, Wis.....	14.5	11.7	11.5	8.0	6.1	9.3	26.5	11.1	14.6
New York, N. Y.....	187.1	87.5	109.1	86.4	99.9	44.2	103.5	153.7	127.7
Philadelphia, Pa.....	28.8	29.2	26.9	33.1	19.4	12.2	28.8	32.4	41.0
Phoenix, Ariz.....	18.5	14.6	16.2	13.2	16.1	15.7	19.8	19.0	21.3
San Diego, Calif.....	24.7	15.3	10.8	16.3	15.0	14.0	17.6	20.1	16.5
San Francisco-Oakland, Calif..	48.2	40.8	34.2	51.3	40.7	31.3	46.1	49.5	50.5
Seattle, Wash.....	19.2	13.6	11.1	12.1	11.3	15.0	20.5	17.1	18.4
Washington, D. C.....	35.7	20.3	30.4	22.0	21.0	16.3	34.0	37.3	35.7

\*As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Source: Department of Commerce, Bureau of the Census.

Table C-9.—Number of Housekeeping Units in Authorized\* New Residential Construction in Selected Permit-Issuing Places in Selected Metropolitan Areas\*\*

Metropolitan area	Number of housekeeping units								
	1960				1961				
	May	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Atlanta, Ga.....	2,080	1,097	753	1,027	901	694	1,574	1,033	1,483
Baltimore, Md.....	627	460	441	371	441	632	662	635	734
Birmingham, Ala.....	464	255	254	175	262	198	288	303	462
Boston, Mass.....	807	731	834	818	356	345	841	1,105	1,531
Buffalo, N. Y.....	475	324	309	120	77	105	280	343	383
Chicago, Ill.....	4,752	3,463	2,639	5,730	1,835	4,011	4,331	4,202	4,180
Cleveland, Ohio.....	1,295	832	682	705	296	719	849	700	849
Columbus, Ohio.....	814	601	584	253	143	142	301	498	570
Denver, Colo.....	1,383	1,069	1,131	697	1,189	1,146	1,830	1,735	1,442
Detroit, Mich.....	1,674	1,133	1,019	543	751	916	1,319	1,295	1,506
Indianapolis, Ind.....	522	344	274	274	289	172	362	540	525
Los Angeles-Long Beach, Calif..	7,351	7,053	5,608	5,575	6,436	6,496	8,087	6,973	9,244
Miami, Fla.....	861	688	804	1,005	981	773	703	703	1,318
Milwaukee, Wis.....	982	680	761	563	332	356	489	551	715
New York, N. Y.....	8,650	6,904	5,472	4,279	3,351	4,368	6,107	8,259	8,523
Philadelphia, Pa.....	1,985	1,713	1,607	1,127	925	992	2,031	1,947	2,693
Phoenix, Ariz.....	1,465	1,110	1,144	929	1,308	935	1,504	1,154	1,643
San Diego, Calif.....	1,152	663	434	734	743	693	875	773	756
San Francisco-Oakland, Calif.....	3,078	2,535	1,995	1,910	2,291	1,842	3,333	2,789	3,099
Seattle, Wash.....	635	599	406	498	516	565	625	943	754
Washington, D.C.....	2,762	1,394	2,099	1,455	1,122	1,222	2,090	2,470	2,979

\*In building permits and public housing contract awards.

\*\*As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959. †Revised.

Source: Department of Commerce, Bureau of the Census.

Table C-10.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas\*: Valuation for the Current Year, by Type of Construction  
First five months (Millions of dollars)

Type of construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio
All authorized private construction**	84.9	64.7	28.3	90.9	31.6	400.7	91.5
New housing units†.....	51.2	32.2	13.1	44.6	14.8	227.8	50.9
New nonresidential buildings.....	25.9	23.8	6.9	30.4	8.8	131.7	30.3
Industrial buildings.....	2.6	6.2	1.3	6.1	2.2	26.4	7.2
Office buildings.....	6.0	1.3	1.5	4.4	.6	23.5	2.3
Service stations and repair garages.....	.7	.4	.1	.2	.3	1.9	1.0
Stores and other mercantile bldgs.....	4.0	8.9	1.1	3.1	2.0	24.2	7.1
Religious buildings.....	1.8	1.5	.9	2.0	1.3	5.0	1.2
Educational buildings.....	.8	.9	.4	7.6	.2	15.7	.1
Hospitals and other inst. bldgs..	.4	1.1	.....	1.4	.....	21.0	6.1
Amusement buildings.....	.8	1.8	.8	1.2	.1	1.1	2.0
Residential garages.....	.0	.3	.0	.3	.6	5.2	1.7
All other nonresidential bldgs..	8.8	1.6	.6	3.9	1.3	7.5	1.7
Additions and alterations.....	7.4	8.4	7.4	13.8	6.7	34.3	9.8
	Columbus, Ohio	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.
All authorized private construction **	37.8	97.8	150.6	44.9	739.7	84.4	67.6
New housing units†.....	25.6	69.4	76.2	21.8	453.3	47.2	28.1
New nonresidential buildings.....	8.2	19.9	55.2	18.5	201.6	21.3	31.6
Industrial buildings.....	.5	2.3	4.9	5.4	28.5	3.6	4.6
Office buildings.....	.4	5.5	4.0	.4	63.1	2.8	15.9
Service stations, etc.....	.2	.2	1.1	.1	2.3	.5	.7
Stores, etc.....	2.2	3.8	10.1	6.0	43.4	4.4	1.2
Religious buildings.....	1.1	.7	5.5	1.3	7.2	1.3	2.5
Educational buildings.....	1.5	1.7	1.5	3.3	4.5	2.1	2.0
Hospitals, etc.....	.1	.8	1.5	.....	10.0	.4	1.6
Amusement buildings.....	.5	1.1	2.1	1.0	5.0	1.5	1.4
Residential garages.....	.7	.7	4.4	.3	2.9	.5	1.2
All other nonresidential bldgs...	1.1	2.8	20.4	.4	34.6	4.3	.3
Additions and alterations.....	3.4	7.2	19.0	3.8	78.8	11.4	6.3
	New York, N. Y.	Philadelphia, Pa.	Phoenix, Ariz.	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All authorized private construction**..	529.0	133.8	91.9	83.2	218.1	82.3	144.3
New housing units†.....	269.8	82.9	57.5	48.6	135.7	45.4	75.3
New nonresidential buildings.....	133.2	35.8	26.4	26.3	49.2	25.2	30.0
Industrial buildings.....	13.4	4.0	5.8	3.4	8.8	7.3	1.4
Office buildings.....	31.6	3.9	4.4	6.4	9.8	7.1	2.6
Service stations, etc.....	1.1	.7	1.1	.5	1.2	.6	.3
Stores, etc.....	19.6	12.3	8.4	5.2	9.2	4.2	5.4
Religious buildings.....	6.1	2.9	1.9	1.8	3.1	2.0	2.1
Educational buildings.....	27.8	5.5	.2	2.1	4.5	.1	6.0
Hospitals, etc.....	12.9	1.2	.5	.4	4.8	.8	7.1
Amusement buildings.....	12.2	1.4	.8	1.2	1.7	1.1	1.7
Residential garages.....	1.5	.6	.0	.5	.7	.5	.0
All other nonresidential bldgs..	7.1	3.1	3.3	4.7	5.4	1.4	3.3
Additions and alterations.....	38.6	14.9	7.8	7.1	30.5	10.3	9.5

\*As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.  
†Less than \$500,000.

\*\*Includes data on new nonhousekeeping residential buildings, not shown separately.

Source: Department of Commerce, Bureau of the Census.

## Part D.—Contract Awards

**Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction\***  
(Millions of dollars)

Period	All public construction			Residential buildings	Federally owned			
	Total	Federally owned	State and locally owned		Nonresidential buildings			
					Total	Educational	Hospital and institutional	Administrative and service
1956.....	10,423.1	2,088.3	8,334.8	136.0	924.3	27.1	43.9	87.3
1957.....	11,473.8	2,317.3	9,156.5	406.2	776.5	48.4	78.9	148.3
1958.....	13,508.1	2,959.4	10,548.7	592.0	987.7	51.7	95.2	183.9
1959.....	11,595.7	2,484.8	9,110.9	271.4	885.7	64.1	59.3	199.0
1960.....	12,866.3	2,055.9	10,810.4	250.3	680.8	34.2	60.2	213.0
1960: May.....	1,117.3	176.9	940.4	26.7	27.5	2.3	.6	5.5
June.....	1,424.2	332.3	1,091.9	28.6	108.7	4.0	27.7	10.2
July.....	1,133.1	59.4	1,073.7	10.7	20.7	.8	.3	8.9
August.....	1,048.9	98.7	950.2	26.9	19.5	.1	1.2	6.7
September.....	1,067.5	171.9	895.6	58.2	49.1	1.1	3.5	19.0
October.....	1,083.0	146.7	936.3	14.4	34.5	1.9	12.4	1.7
November.....	941.8	174.5	767.3	14.7	96.0	6.4	1.5	46.0
December.....	1,281.3	209.6	1,071.7	32.1	61.9	6.1	6.2	19.0
1961: January.....	905.2	300.8	604.4	29.6	69.6	10.2	.2	41.5
February.....	822.3	147.5	674.8	23.9	26.0	5.2	6.6	4.1
March.....	1,086.3	167.2	919.1	39.6	47.4	3.7	5.8	10.5
April.....	1,059.5	164.6	894.9	27.9	50.2	9.2	.3	7.9
May.....	1,145.6	164.1	981.5	21.1	55.3	2.3	16.0	11.0
Percent change								
May 1960-61.....	+ 3	- 7	+ 4	- 21	+ 101	0	(1)	+ 100
12 mos. ending May 1960-61	+ 11	- 6	+ 16	+ 30	- 17	- 19	+ 102	- 8
Federally owned—Con.								
Period	Nonresidential buildings—Con.					Airfields**	Conservation and development	Highways
	Other nonresidential buildings							
	Total	Airfield buildings	Troop housing	Warehouses	All other			
1956.....	766.0	76.2	123.2	63.3	503.3	155.9	539.0	91.8
1957.....	500.9	98.9	60.9	35.0	306.1	182.2	563.8	91.5
1958.....	656.9	196.7	89.3	36.5	334.4	475.6	475.2	95.5
1959.....	563.3	179.2	45.6	22.1	316.4	333.4	528.5	85.9
1960.....	373.4	81.6	35.5	14.5	241.8	393.6	343.1	120.7
1960: May.....	19.1	8.3	2.3	1.8	6.7	28.9	58.5	16.1
June.....	66.8	8.3	2.3	3.1	53.1	69.6	53.1	13.2
July.....	10.7	.5	.4	.6	9.2	3.1	7.8	10.8
August.....	11.5	2.9	0	.9	7.7	6.0	22.5	9.8
September.....	25.5	3.3	.6	.7	20.9	5.1	18.6	11.2
October.....	18.5	8.0	1.5	.7	8.3	12.6	20.2	10.1
November.....	42.1	5.2	1.2	1.1	34.6	35.7	11.4	5.2
December.....	29.8	5.7	6.4	1.2	16.5	73.1	22.8	4.3
1961: January.....	17.7	5.0	.3	.7	11.7	15.2	12.1	8.0
February.....	10.1	1.6	.2	0	8.3	69.5	10.2	5.6
March.....	27.4	5.4	4.6	1.1	16.3	13.9	37.6	6.3
April.....	32.8	3.5	3.8	.7	24.8	9.7	10.9	10.9
May.....	26.0	5.8	.9	.7	18.6	48.1	13.3	8.3
Percent change								
May 1960-61.....	+ 36	- 30	- 61	- 61	+ 178	+ 66	- 77	- 48
12 mos. ending May 1960-61	- 31	- 57	- 34	- 32	- 19	+ 2	- 48	- 14

See footnotes at end of table.

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction\*-Con.  
(Millions of dollars)

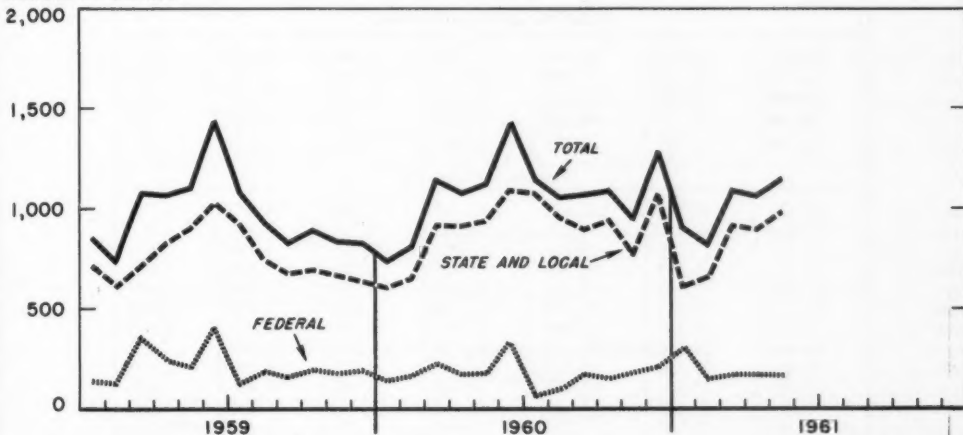
Period	Federally owned-Con.			State and locally owned				
	Electric power	All other**	Residential buildings	Nonresidential buildings				Other
				Total	Educational	Hospital and institutional	Administrative and service	
1956.....	177.5	63.8	253.2	3,202.8	2,289.0	278.9	320.8	314.1
1957.....	140.3	156.8	326.7	3,409.4	2,450.5	287.1	315.4	356.4
1958.....	137.8	195.6	479.7	3,576.2	2,407.6	334.5	455.6	378.5
1959.....	222.6	157.3	306.9	3,236.7	2,203.3	304.5	325.6	403.3
1960.....	158.8	108.6	453.7	3,669.7	2,559.5	262.1	450.0	398.1
1960: May.....	9.9	9.3	39.9	358.9	265.8	31.7	34.0	27.4
June.....	30.6	28.5	55.5	365.3	236.0	38.9	52.4	38.0
July.....	2.8	3.5	47.0	318.0	213.3	23.7	45.6	35.4
August.....	7.8	6.2	49.7	308.2	221.8	17.5	36.0	32.9
September.....	25.5	4.2	36.6	284.2	194.0	7.5	29.3	53.4
October.....	48.6	6.3	27.6	317.0	217.5	27.5	38.1	33.9
November.....	5.9	5.6	14.0	276.8	208.3	14.5	26.5	27.5
December.....	6.2	10.0	74.9	346.6	232.3	21.8	53.5	39.0
1961: January.....	† 158.2	† 8.1	† 27.1	228.8	180.1	8.9	16.2	23.6
February.....	† 7.3	† 5.0	† 64.2	213.3	161.0	9.6	23.1	19.6
March.....	† 10.8	† 11.6	† 42.6	341.0	236.9	27.7	50.5	25.9
April.....	† 45.4	† 9.6	46.9	286.5	219.2	18.2	28.3	20.8
May.....	3.0	15.0	48.4	320.5	232.2	29.0	38.1	21.2
Percent change								
May 1960-61.....	- 70	+ 61	+ 21	- 11	- 13	- 9	+ 12	- 23
12 mos. ending May 1960-61	+ 94	- 21	+ 73	+ 6	+ 9	- 9	+ 16	- 8
Period	State and locally owned-Con.							
	Highways	Sewer and water systems			Public service enterprises			Conservation and development
		Total	Sewer	Water	Total	Electric power	Other	
1955.....	2,933.5	895.5	501.9	393.6	378.0	247.4	130.6	117.2
1956.....	3,211.6	1,100.0	658.9	441.1	336.5	227.2	109.3	139.3
1957.....	3,825.1	1,034.2	619.4	414.8	364.2	200.1	164.1	112.7
1958.....	4,489.3	1,050.0	708.2	341.8	669.5	450.0	219.5	123.3
1959.....	3,710.0	1,140.0	737.8	402.2	413.5	233.7	179.8	145.6
1960: May.....	377.5	97.9	61.5	36.4	40.6	16.6	24.0	9.6
June.....	424.7	121.3	60.1	61.2	89.0	56.8	32.2	19.9
July.....	484.3	137.0	70.7	66.3	36.0	7.9	28.1	11.9
August.....	415.1	84.6	49.2	35.4	52.2	26.7	25.5	10.5
September.....	406.6	93.6	49.6	44.0	32.7	9.9	22.8	19.7
October.....	445.0	102.5	61.9	40.6	15.0	8.4	6.6	13.6
November.....	311.4	105.6	69.0	36.6	39.2	6.0	33.2	5.7
December.....	445.3	159.5	75.0	84.5	14.2	8.4	5.8	16.3
1961: January.....	247.2	59.9	42.6	17.3	16.9	5.9	11.0	11.6
February.....	243.1	89.8	56.8	33.0	40.3	13.3	27.0	9.9
March.....	332.8	126.4	76.3	50.1	24.6	8.0	16.6	26.5
April.....	406.7	89.6	60.0	29.6	24.5	8.7	15.8	16.0
May.....	437.8	114.0	86.3	27.7	18.5	8.1	10.4	19.3
Percent change								
May 1960-61.....	+ 16	+ 16	+ 40	- 24	- 54	- 51	- 57	+ 101
12 mos. ending May 1960-61	+ 18	+ 20	+ 7	+ 46	- 6	- 28	+ 19	+ 28

Source: Department of Commerce, Bureau of the Census. \*Includes major force-account projects started, principally by TVA and State highway departments. \*\*Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned. †Increase exceeds 300 percent. ‡Revised.

Chart 1.

## Contracts Awarded for Public Construction By Ownership

Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 60-10-G

Table D-2.—Contract Awards: Highway Construction, Value, by Ownership, Source of Funds, and Type of Facility \*  
(Millions of dollars)

Period	All highway con- struction	Federally owned	State owned					Locally owned**
			Total	Federally aided projects		Independent state projects		
				Total value	Federal funds	Total value	Toll facilities	
1956.....	3,303.5	91.9	2,718.3	1,737.2	962.8	981.1	336.7	493.3
1957.....	3,916.6	91.5	3,311.0	2,390.4	1,613.9	920.6	343.0	514.1
1958.....	4,584.8	95.5	3,995.8	3,488.7	2,504.4	507.1	44.1	493.5
1959.....	3,794.5	84.5	3,204.4	2,629.9	1,876.7	574.5	59.2	505.6
1960.....	4,807.7	120.7	3,962.1	3,097.3	2,218.1	864.8	225.4	724.9
1960: May.....	393.6	16.1	312.6	238.1	167.8	74.5	0	64.9
June.....	437.9	13.2	344.7	280.9	198.1	63.8	0	80.0
July.....	495.1	10.8	401.3	264.8	190.6	136.5	68.8	83.0
August.....	424.9	9.8	355.3	286.3	206.7	69.0	3.4	59.8
September.....	417.8	11.2	338.6	286.1	200.9	52.5	2.6	68.0
October.....	455.1	10.1	411.0	248.8	174.9	162.2	118.6	34.0
November.....	316.6	5.2	276.5	222.7	157.7	53.8	11.0	34.9
December.....	449.6	4.3	415.3	339.0	253.9	76.3	2.8	30.0
1961: January.....	255.2	8.0	226.3	202.6	150.5	23.7	1.3	20.9
February.....	248.7	5.6	225.1	182.7	132.1	42.4	6.9	18.0
March.....	339.1	6.3	301.6	267.1	191.4	34.5	.2	31.2
April.....	417.6	10.9	353.8	286.0	209.3	67.8	1.5	52.9
May.....	446.1	8.3	385.1	306.4	214.8	78.7	19.1	52.7
Percent change								
May 1960-61.....	+ 13	-48	+ 23	+ 29	+ 28	+ 6	.....	-19
12 mos.ending May 1960-61	+ 17	-14	+ 25	+ 22	+ 24	+ 38	+ 270	-14

Source: U.S. Department of Commerce, Bureau of the Census.

\*Includes force-account work started on Federal and State projects.

\*\*By municipalities and counties.

† Revised.

**Table D-3: Contract Awards: Value Reported by the F. W. Dodge Corporation**  
(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction	Building			Engineering			Dodge index of contract awards, seasonally adjusted (1947-49=100)
		Total	Residential	Non-residential	Total	Public works	Utilities	
	Value (in millions of dollars)							
1956.....	31,612	24,070	12,862	11,208	7,542	5,428	2,115	.....
1957.....	32,174	24,333	13,040	11,293	7,840	5,464	2,375	.....
1958.....	35,090	25,644	14,695	10,948	9,446	6,802	2,644	.....
1959.....	36,420	28,672	17,195	11,477	7,747	5,813	1,933	.....
1960.....	36,582	27,547	15,185	12,362	9,034	6,979	2,055	.....
	12 months ending in--							
1960: June.....	35,179	27,518	15,932	11,586	7,660	5,873	1,787	272
July.....	35,119	27,118	15,571	11,547	8,000	6,036	1,964	285
August.....	35,330	27,216	15,453	11,763	8,113	6,098	2,015	276
September.....	35,391	27,145	15,264	11,881	8,244	6,263	1,981	271
October.....	35,575	27,182	15,139	12,043	8,392	6,455	1,937	294
November.....	36,088	27,458	15,300	12,158	8,630	6,627	2,003	280
December.....	36,582	27,547	15,185	12,362	9,034	6,979	2,055	302
1961: January.....	36,874	27,606	15,232	12,374	9,268	7,026	2,242	273
February.....	36,869	27,594	15,114	12,480	9,275	7,007	2,268	239
March.....	36,989	27,631	15,191	12,440	9,356	7,066	2,290	262
April.....	36,927	27,607	15,165	12,442	9,317	7,051	2,266	261
May.....	37,091	27,702	15,265	12,437	9,384	7,180	2,204	257
June.....	37,221	27,888	15,340	12,548	9,328	7,119	2,209	281
	Percent change, 12 months ending in--							
June 1960-61.....	+6	+1	-4	+8	+22	+21	+24	.....

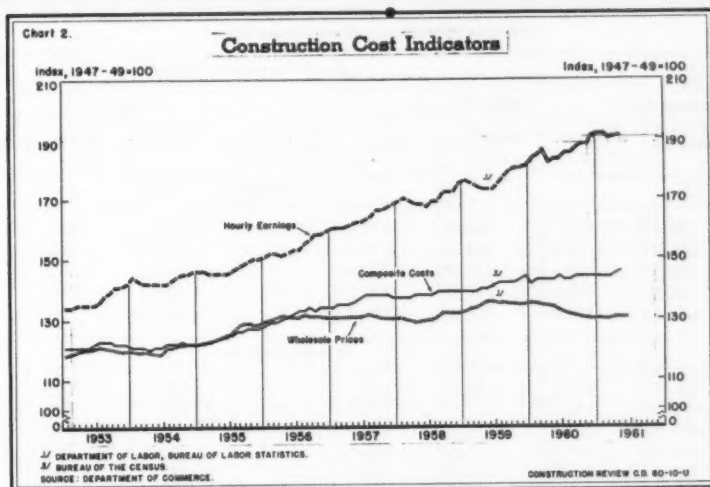
Source: Table compiled by Department of Commerce (BDSA) from data published by the F. W. Dodge Corporation.

**Table D-4: Contract Awards: Value Reported by the Engineering News-Record**  
(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction contract awards	Ownership		Type of construction					
				Buildings		Highways and bridges	Sewer systems	Water systems	Unclassified and all other
		Private	Public	Private industrial	Other				
Value (in millions of dollars)									
1956.....	21,712	13,490	8,222	5,335	9,775	3,097	579	356	2,570
1957.....	17,986	8,386	9,600	3,081	7,791	3,745	556	369	2,444
1958.....	19,166	7,731	11,435	1,757	9,199	4,445	619	307	2,845
1959.....	20,279	10,388	9,891	2,981	9,992	3,456	653	373	2,824
1960.....	22,621	11,976	10,645	2,792	11,447	4,173	615	346	3,154
12 months ending in—									
1960: June.....	20,839	11,269	9,570	2,866	10,390	3,517	607	382	3,078
July.....	20,647	11,359	9,288	2,921	10,414	3,407	603	388	2,917
August.....	20,963	11,508	9,455	2,899	10,686	3,473	587	385	2,937
September.....	21,155	11,370	9,786	2,651	10,854	3,679	585	414	2,978
October.....	21,939	12,001	9,939	2,809	11,079	3,837	585	419	3,216
November.....	22,237	12,082	10,156	2,794	11,294	3,927	588	434	3,206
December.....	22,621	11,976	10,645	2,792	11,447	4,173	615	446	3,154
1961: January.....	23,030	12,097	10,933	2,923	11,571	4,365	605	446	3,125
February.....	22,974	12,056	10,918	2,921	11,535	4,335	623	456	3,110
March.....	22,884	12,003	10,881	3,023	11,557	4,261	640	457	2,953
April.....	22,683	11,678	11,005	3,036	11,244	4,313	663	426	3,007
May.....	22,667	11,770	10,898	3,039	11,354	4,203	686	413	2,977
June.....	22,188	11,291	10,897	3,016	11,032	4,284	691	402	2,768
Percent change, 12 months ending in—									
June 1960-61.....	+ 6	( <sup>1</sup> )	+14	+ 5	+ 6	+22	+14	+5	- 10

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways—\$44,000; other public works—\$73,000; industrial buildings—\$93,000; other buildings—\$344,000. \*Adjusted to 52 weeks. <sup>1</sup>Change of less than one-half of 1 percent.

## Part E.—Costs and Prices



**Table E-1.—Construction Cost Indexes**  
(1947-49=100)

Period	Department of Commerce composite cost index*	Monthly and quarterly component indexes									
		American Appraisal Co.	Associated General Contractors	E. H. Boeckh and Associates		Engineering News-Record		Bureau of Public Roads, highway	Geo. A. Fuller Co.	Turner Construction Co.	
				Residences	Apartments, hotels, and office buildings	Commercial and factory buildings	Building				Construction
Annual averages											
1956.....	132	135	143	129.4	137.0	138.7	145.9	153.8	113.4	130	134
1957.....	137	141	149	131.8	141.2	143.7	151.2	160.8	118.1	136	142
1958.....	138	145	154	133.0	143.6	146.7	156.0	168.6	116.3	142	142
1959.....	141	150	160	137.4	148.6	151.8	162.8	177.0	114.4	147	145
1960.....	144	154	165	139.7	151.6	154.4	166.3	182.9	111.5	150	145
Current indexes											
1960: March.....	143	152	164	139.5	151.1	154.2	165.0	180.7	111.0	149	145
April.....	143	153	164	139.8	151.3	154.4	165.0	180.7	110.5	150	145
May.....	143	153	164	140.1	151.8	154.9	165.8	182.1			
June.....	144	153	165	140.3	152.1	154.9	166.4	183.5			
July.....	143	154	166	140.1	152.0	154.6	166.9	184.2	112.9	151	145
August.....	143	154	166	139.8	151.8	154.3	166.8	184.4			
September...	144	155	166	139.8	151.9	154.4	167.2	184.5			
October.....	144	155	166	139.4	151.8	154.3	166.9	184.2	111.6	151	145
November...	144	155	166	139.3	151.7	154.2	166.8	184.3			
December...	144	156	166	139.2	151.7	154.1	166.9	184.4			
1961: January.....	143	156	167	139.0	151.7	154.1	167.3	185.3	110.2	153	145
February.....	144	156	166	139.0	151.8	154.1	167.3	185.3			
March.....	144	156	166	139.0	151.8	154.1	167.3	185.3			
April.....	145	156	166	139.1	151.9	154.2	168.0	186.0			
May.....	146	157	168	140.1	153.3	155.5	169.1	188.2	.....	.....	.....
Percent change											
May 1960-61.....	+ 2	+ 3	+ 2	0	+ 1	(1)	+ 2	+ 3	2-1	3+2	3 0

Sources as stated above. \*A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type. Other component indexes, available annually or semi-annually, are included on an interpolative basis. <sup>1</sup>Change of less than one-half of 1 percent. <sup>2</sup>First quarter 1960-61. <sup>3</sup>Second quarter 1960-61. <sup>4</sup>Revised.

Table E-2.—Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities

(1947-49=100, unless otherwise noted)

Period	All construction materials	Lumber and wood products							
		Softwoods			Selected hardwoods	Millwork	Plywood		
		Douglas fir	Southern pine	Other			Group index	Softwood	Hardwood
Annual averages									
1956.....	130.6	129.9	119.2	137.4	126.0	129.1	101.7	100.8	104.7
1957.....	130.6	116.8	114.6	132.8	114.8	128.3	96.4	91.3	103.7
1958.....	130.5	114.6	112.8	129.4	114.4	128.2	97.1	91.8	104.5
1959.....	134.6	130.7	116.6	137.7	122.0	135.9	101.2	97.9	106.2
1960.....	132.6	119.5	114.8	129.5	122.5	136.6	96.1	87.1	107.7
Monthly indexes									
1960: June.....	132.9	120.7	116.0	132.3	125.2	136.9	95.5	85.5	108.2
July.....	132.1	118.7	114.7	130.4	124.0	137.2	95.5	85.5	108.2
August.....	131.4	115.6	113.8	126.5	121.0	136.7	94.7	84.0	108.2
September....	131.1	114.2	113.0	124.0	120.5	135.5	96.4	87.1	108.2
October.....	130.5	111.5	112.0	122.6	119.0	135.3	97.1	88.3	108.5
November....	130.3	109.9	110.8	121.5	118.5	135.8	96.1	86.8	107.9
December....	130.0	111.3	110.4	119.6	117.8	135.5	95.1	86.2	106.5
1961: January....	130.1	110.6	109.6	119.9	116.9	135.8	91.7	80.1	107.6
February....	129.8	109.9	108.6	119.2	114.3	134.9	90.8	79.6	106.1
March.....	129.9	114.4	109.0	118.6	112.8	134.7	92.0	81.6	106.1
April.....	130.7	120.3	110.1	119.8	113.4	134.8	99.1	92.9	106.1
May.....	130.6	118.6	110.4	122.2	114.4	133.4	97.2	89.8	106.1
June.....	130.6	118.1	110.3	122.8	114.7	134.0	97.3	90.0	106.1
Percent change									
June 1960-61.....	- 2	- 2	- 5	- 7	- 8	- 2	+ 2	+ 5	- 2

Period	Building paper and board			Prepared paint	Metals and metal products				
	Group index	Insulation board	Hard-board**		Selected finished steel products				
					Structural shapes	Reinforcing bars	Galvanized sheets, carbon	Black pipe, carbon	Wire nails, 8d common
1956.....	.....	136.9	.....	120.0	162.9	169.7	148.2	168.7	165.3
1957.....	.....	141.5	.....	126.3	187.5	184.1	152.5	185.4	177.9
1958.....	143.2	144.5	99.3	128.3	195.4	190.8	156.6	191.5	182.2
1959.....	146.4	148.5	100.3	128.3	199.6	195.0	161.2	190.9	182.2
1960.....	145.7	148.0	99.5	128.5	199.6	194.3	163.3	188.9	177.9
1960: June.....	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	174.9
July.....	144.2	146.5	98.6	128.4	199.6	195.0	163.3	187.0	174.9
August.....	145.5	148.4	98.6	128.4	199.6	193.4	163.4	187.0	174.9
September....	145.3	148.2	98.6	128.4	199.6	193.4	163.4	187.0	174.9
October.....	145.7	148.5	98.9	128.4	199.6	193.4	163.4	187.0	174.9
November....	145.4	148.0	98.9	128.4	199.6	193.4	163.4	187.0	174.9
December....	145.4	148.0	98.9	130.3	199.6	193.4	163.4	187.0	174.9
1961: January....	145.6	148.4	98.9	131.7	199.6	193.4	163.4	187.0	174.9
February....	146.0	148.4	99.7	132.4	199.6	193.4	163.4	187.0	174.9
March.....	145.8	147.9	99.7	132.4	199.6	193.4	163.4	187.0	174.9
April.....	145.3	147.3	99.7	132.4	199.6	193.4	163.4	187.0	174.9
May.....	144.6	146.0	99.7	132.4	199.6	193.4	163.4	187.0	174.9
June.....	144.9	146.0	100.3	132.4	199.6	190.4	163.4	187.0	174.9
Percent change									
June 1960-61.....	(1)	(1)	(1)	+ 3	0	- 2	(1)	- 2	0

See footnotes at end of table.

**Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.**  
(1947-49=100, unless otherwise noted)

Period	Metals and metal products—Con.									
	Selected nonferrous metal products			Builders' hardware			Plumbing fixtures and brass fittings			
	Copper water tubing	Building wire, type RH-RW	Nonmetallic sheathed cable	Cabinet hinge	Door lock set	Butts	Group index*	Enameled iron fixtures	Vitreous china fixtures	Brass fittings
1956.....	174.4	155.9	110.1	138.3	137.6	168.4	133.9	126.9	124.2	141.6
1957.....	151.2	132.7	84.0	137.5	147.1	168.4	130.2	126.1	124.2	137.4
1958.....	141.8	106.1	75.9	137.2	153.0	168.4	123.7	115.4	115.6	134.1
1959.....	149.4	126.9	87.7	136.7	155.1	168.4	130.1	120.7	122.6	142.2
1960.....	146.9	120.8	79.8	139.3	155.3	172.8	132.1	126.6	123.9	142.9
1960: June.....	151.4	120.3	77.7	140.2	155.4	175.0	131.3	126.7	121.3	142.6
July.....	151.4	108.2	71.4	140.2	155.4	175.0	131.3	126.7	121.3	142.6
August.....	151.4	106.8	71.4	140.2	155.4	175.0	131.5	126.7	121.3	143.1
September....	147.7	106.8	71.4	140.2	155.4	171.9	131.5	126.7	121.3	143.1
October.....	121.5	109.8	73.9	140.2	155.4	171.9	130.8	126.7	121.3	141.5
November.....	142.2	106.8	72.6	140.2	155.4	171.9	130.8	126.7	121.3	141.5
December....	116.2	106.8	72.6	140.2	155.4	171.9	130.8	126.7	121.3	141.5
1961: January....	114.1	109.4	72.7	140.2	155.4	171.9	130.9	126.7	121.3	141.7
February.....	114.1	110.3	72.7	140.2	155.4	171.9	130.9	126.7	121.3	141.7
March.....	108.4	110.3	72.7	140.2	155.4	171.9	130.9	126.7	121.3	141.7
April.....	105.1	110.3	72.7	140.2	155.4	171.9	130.9	126.7	121.3	141.7
May.....	111.6	114.8	76.3	140.2	161.8	171.9	131.3	126.7	121.3	142.7
June.....	113.3	114.8	76.3	140.2	161.8	171.9	132.2	126.7	121.3	144.8
Percent change										
June 1960-61.....	- 25	- 5	- 2	0	+ 4	- 2	+ 1	0	0	+ 2

Period	Metals and metal products—Con.								Machinery and motive products	
	Heating equipment					Fabricated structural metal products			Elevators and escalators	Fans and blowers, except portable
	Group index*	Steam and hot water	Warm air furnaces	Fuel burning equipment	Water heaters, domestic	Metal doors, sash and trim	Roofing**			
							Steel	Corrugated aluminum		
1956.....	119.0	139.6	126.3	108.9	107.8	145.6	.....	.....	128.3	166.0
1957.....	122.1	146.7	128.2	113.3	106.8	140.6	.....	.....	138.3	176.3
1958.....	121.2	150.9	122.8	116.0	101.9	141.8	102.3	96.5	139.3	180.4
1959.....	121.7	154.8	123.5	115.7	99.5	135.2	105.2	96.3	139.5	182.5
1960.....	119.4	155.1	121.3	115.6	91.6	132.6	106.6	102.8	140.1	183.5
1960: June.....	120.0	155.6	121.9	115.8	92.6	131.8	106.6	100.9	139.9	182.5
July.....	118.7	154.7	121.3	115.8	88.8	131.8	106.6	100.9	140.3	182.5
August.....	118.8	154.8	121.6	115.8	88.8	131.8	106.6	104.3	140.3	184.2
September....	119.3	154.8	121.6	116.1	90.7	131.8	106.6	106.1	140.3	183.5
October.....	119.3	154.8	121.6	116.1	90.7	131.8	106.6	106.1	140.3	183.5
November....	118.4	154.8	119.6	116.1	89.4	132.0	106.6	106.1	140.3	183.5
December....	116.8	154.8	118.4	115.3	84.5	132.1	106.6	106.1	140.3	183.5
1961: January....	114.9	154.3	114.2	115.3	83.0	132.1	106.6	106.1	140.3	183.0
February....	114.8	154.3	114.1	115.4	83.0	132.1	106.6	106.1	140.3	182.8
March.....	114.5	154.3	113.9	115.7	82.0	132.1	106.6	106.1	140.3	182.8
April.....	115.2	154.3	114.0	115.7	84.3	132.2	106.6	106.1	140.3	182.8
May.....	115.4	154.4	113.9	115.7	84.9	132.2	106.6	106.1	140.8	182.8
June.....	115.4	154.2	113.9	115.7	85.1	132.2	106.6	106.1	140.8	182.8
Percent change										
June 1960-61.....	- 4	- 1	- 7	(1)	- 8	(1)	0	+ 5	+ 1	(1)

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.  
(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals—structural								
	Flat glass		Concrete ingredients			Concrete products			
	Plate	Window	Group index	Sand, gravel, and crushed stone	Portland cement	Group index	Building block	Concrete pipe	Ready-mixed concrete**
1956.....	141.6	142.4	130.6	122.6	139.7	123.0	115.6	144.1	.....
1957.....	145.7	145.9	136.0	126.5	146.9	126.4	118.5	148.8	.....
1958.....	145.2	145.5	139.0	128.8	150.6	128.1	117.7	152.8	100.4
1959.....	144.7	145.3	140.3	129.9	152.2	129.7	117.5	159.1	101.6
1960.....	139.8	140.7	142.1	130.7	155.2	131.1	120.2	160.3	102.4
1960: June.....	137.3	135.8	142.1	130.7	155.2	131.3	120.4	160.5	102.6
July.....	137.3	135.8	142.1	130.8	155.2	131.3	120.4	160.5	102.5
August.....	137.3	135.8	142.2	131.0	155.1	131.1	120.4	159.4	102.5
September.....	137.3	141.2	142.2	131.0	155.1	131.0	120.4	160.1	102.3
October.....	137.3	141.2	142.1	130.8	155.1	131.0	120.4	160.1	102.2
November.....	137.3	141.2	142.1	130.7	155.1	131.0	120.4	160.1	102.3
December.....	137.3	141.2	142.0	130.6	155.1	131.0	120.4	160.1	102.2
1961: January.....	137.3	141.2	142.2	130.9	155.3	131.1	120.4	160.2	102.4
February.....	137.3	141.2	142.3	131.0	155.3	131.2	119.9	160.2	102.5
March.....	137.3	141.2	142.6	131.6	155.3	131.1	120.6	160.2	102.3
April.....	137.3	141.2	142.6	131.6	155.3	131.3	120.3	160.2	102.5
May.....	137.3	141.2	142.6	131.6	155.3	131.3	120.4	160.2	102.6
June.....	137.3	141.2	142.6	131.6	155.3	131.3	120.4	160.2	102.6
Percent change									
June 1960-61.....	0	+4	(1)	+1	(1)	0	0	(1)	0
Period	Nonmetallic minerals—structural—Con.								
	Structural clay products				Gypsum products			Prepared asphalt roofing	
	Group index*	Building brick	Clay tile	Clay sewer pipe	Group index	Lath	Wallboard	Plaster, base coat	
1956.....	133.2	132.9	127.2	149.3	127.1	123.5	124.9	136.2	111.7
1957.....	135.0	134.7	127.5	156.3	127.1	123.8	124.9	136.2	122.3
1958.....	135.9	135.6	128.6	158.2	132.1	127.8	129.5	143.2	112.8
1959.....	139.1	139.0	130.7	163.8	133.1	128.6	130.4	144.6	116.4
1960.....	141.4	141.2	133.3	165.8	133.2	128.6	130.5	144.6	107.3
1960: June.....	141.3	141.3	133.1	165.4	133.2	128.6	130.5	144.6	106.6
July.....	141.4	141.3	133.1	165.8	133.2	128.6	130.5	144.6	106.6
August.....	141.7	141.6	133.6	165.8	133.2	128.6	130.5	144.6	106.6
September.....	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
October.....	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
November.....	142.0	141.7	133.8	167.0	133.2	128.6	130.5	144.6	106.6
December.....	142.1	141.7	133.9	167.0	133.2	128.6	130.5	144.6	106.6
1961: January.....	141.7	141.4	133.9	165.3	134.6	128.6	130.5	153.0	114.2
February.....	141.7	141.4	133.9	165.3	134.6	128.6	130.5	153.0	114.2
March.....	141.8	141.4	134.1	165.3	134.6	128.7	130.6	153.0	114.2
April.....	141.7	141.2	134.1	165.5	134.6	128.7	130.6	153.0	114.2
May.....	142.0	141.2	134.1	167.2	134.6	128.7	130.6	153.0	112.9
June.....	142.0	141.2	134.1	167.2	134.6	128.7	130.6	153.0	112.9
Percent change									
June 1960-61.....	(1)	(1)	+1	+1	+1	(1)	(1)	+6	+6

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.  
(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals—structural—Con.			Furniture and other household durables			
	Other			Kitchen cabinets, metal, base only	Linoleum, inlaid	Asphalt floor tile	Rubber floor tile
	Group index*	Insulation materials	Asbestos cement shingles				
1956.....	125.3	101.5	146.8	138.1	126.1	106.3	110.6
1957.....	130.5	102.8	155.1	145.1	126.7	100.8	113.2
1958.....	134.1	103.9	160.8	151.3	128.6	97.2	114.9
1959.....	136.6	103.1	166.0	151.9	130.3	99.4	114.9
1960.....	140.2	104.0	173.6	151.7	134.4	101.5	114.9
1960: June.....	141.2	106.5	172.8	152.8	134.2	101.5	114.9
July.....	141.2	106.5	172.8	150.6	134.2	101.5	114.9
August.....	141.2	106.5	172.8	150.6	134.2	101.5	114.9
September.....	140.9	105.8	172.9	150.6	134.2	101.5	114.9
October.....	142.0	104.4	177.6	150.6	134.2	101.5	114.9
November.....	139.1	98.9	177.6	150.6	134.2	101.5	114.9
December.....	139.1	98.9	177.6	151.0	134.2	101.5	114.9
1961: January.....	<sup>r</sup> 138.8	98.5	177.6	151.0	134.2	102.0	114.9
February.....	<sup>r</sup> 137.3	<sup>r</sup> 96.3	177.6	151.0	134.2	102.0	114.9
March.....	<sup>r</sup> 139.2	99.0	177.6	151.0	134.2	102.0	114.9
April.....	139.3	99.3	177.6	151.0	134.2	102.0	114.9
May.....	139.3	99.3	177.6	151.0	134.2	102.0	114.9
June.....	139.3	99.3	177.6	151.0	134.2	102.0	114.9
Percent change							
June 1960-61.....	-1	-7	+3	-1	0	( <sup>1</sup> )	0

Source: Department of Labor, Bureau of Labor Statistics.  
1958=100. <sup>1</sup> Change of less than one-half of 1 percent.

\*Includes items not shown separately.

Note: 1960 annual averages are preliminary.

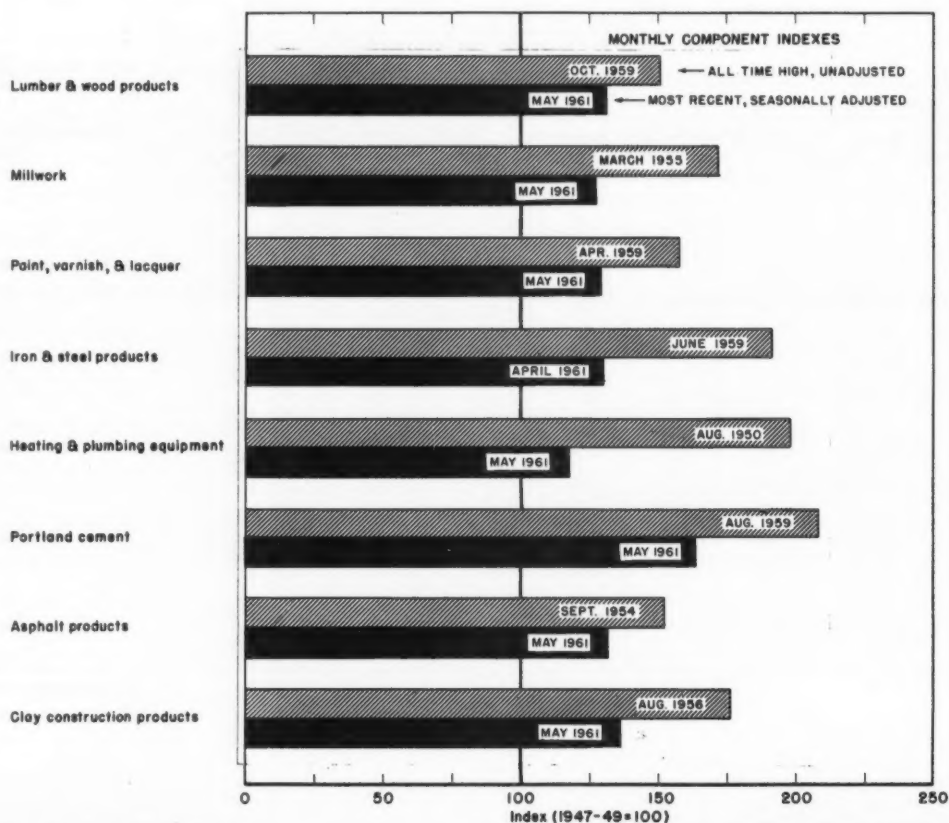
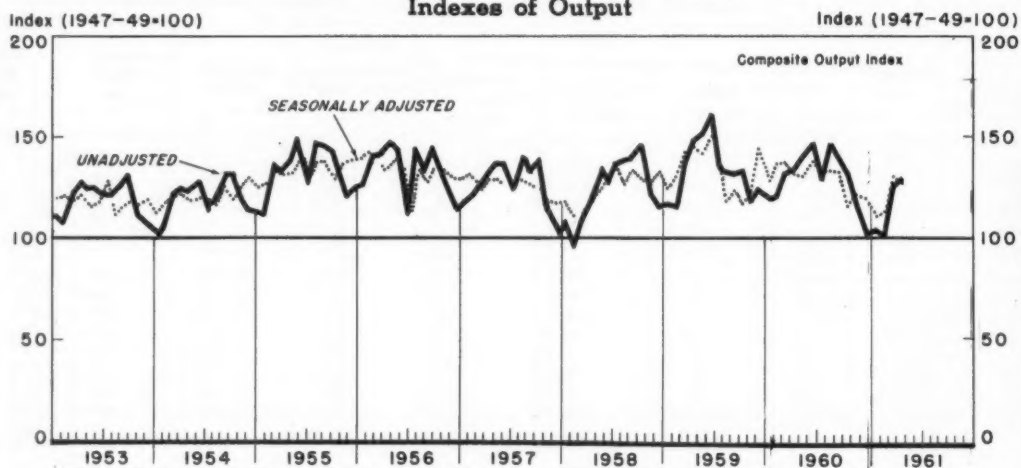
\*\*Introduced Jan. 1958. Jan. Revised.

Tables E-3, E-4, and E-5, Union Hourly Wage Scales for Selected Building Trades, are shown quarterly in the March, June, September, and December issues.

## Part F.—Construction Materials

Chart 3

### Construction Materials Indexes of Output



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 60-10-T

Table F-1.—Construction Materials: Indexes of Output, Unadjusted and Seasonally Adjusted  
(1947-49=100)

Period	Composite	Lumber and wood products	Mill-work	Paint, varnish and lacquer	Iron and steel products	Heating and plumbing equipment	Portland cement	Asphalt products	Clay construction products	Gypsum products	Plumbing fixtures
Annual averages											
1956.....	134.7	128.0	132.9	117.2	145.8	137.1	157.7	101.8	160.0	170.4	128.5
1957.....	127.3	116.7	118.8	117.4	148.7	120.0	148.5	96.5	133.2	154.4	114.1
1958.....	126.4	122.0	108.4	120.3	129.8	126.6	155.3	102.6	132.3	172.5	117.9
1959.....	136.2	140.1	121.9	129.7	121.4	142.2	169.0	105.7	149.0	203.4	146.1
1960.....	131.4	132.6	95.3	128.9	128.6	118.8	159.0	103.4	140.9	188.8	128.3
Unadjusted indexes											
1960: April.....	137.4	140.0	104.0	143.5	134.6	119.3	161.6	85.0	145.1	200.1	137.8
May.....	144.1	144.8	99.2	148.9	139.5	113.4	191.4	108.0	151.9		
June.....	147.8	141.2	110.8	150.7	149.6	133.4	191.0	122.3	154.2	203.8	124.1
July.....	129.8	118.5	89.5	135.4	130.8	107.9	191.3	122.8	138.5		
August.....	148.4	145.5	111.7	145.3	142.0	138.8	199.0 <sup>1</sup>	137.1	157.2	182.4	110.6
September....	139.5	136.5	104.9	128.7	133.8	145.5	186.2	134.8	147.3		
October.....	131.6	129.9	92.6	115.6	126.0	130.2	188.1	120.8	141.4	152.9	103.7
November....	116.9	117.6	83.1	106.6	111.6	103.6	158.0	96.3	136.5		
December.....	102.8	104.9	65.7	98.5	95.3	95.8	122.7	97.0	121.6	.....	.....
1960: January.....	104.7	112.5	83.2	108.9	100.8	103.5	100.2	49.0	111.7		
February.....	100.1	109.9	88.4	107.1	94.7	98.2	90.0	38.0	105.0	.....	.....
March.....	125.4	128.5	110.7	135.4	121.0	120.2	130.7	78.5	130.1		
April.....	129.2	<sup>2</sup> 128.4	111.8	132.3	132.5	<sup>1</sup> 112.4	158.3	94.1	<sup>2</sup> 128.0	.....	.....
May.....	n.a.	144.1	124.5	143.1	n.a.	113.2	186.1	127.4	143.4		
Percent change											
April 1960-61.....	- 6	- 8	+ 8	- 8	- 2	- 6	- 2	+ 11	- 12	<sup>2</sup> - 9	<sup>2</sup> - 26
March-April 1961....	+ 3	( <sup>1</sup> )	+ 1	- 2	+ 10	- 6	+ 21	+ 20	- 2	<sup>3</sup> - 16	<sup>3</sup> - 6
Seasonally adjusted indexes											
1960: April.....	135.1	135.3	103.7	138.8	132.4	122.4	163.7	84.2	147.5	.....	.....
May.....	134.4	131.9	101.8	134.9	131.9	118.0	168.8	111.9	144.9	.....	.....
June.....	138.5	134.6	103.4	138.3	134.5	136.5	174.7	115.5	149.9	.....	.....
July.....	134.7	124.2	98.2	126.3	148.3	113.9	186.5	103.8	132.9	.....	.....
August.....	134.7	130.0	91.3	132.9	137.1	124.4	171.7	103.9	141.9	.....	.....
September....	133.7	132.1	93.9	128.4	134.6	111.0	166.4	117.5	142.0	.....	.....
October.....	116.4	115.3	79.8	109.8	114.2	101.6	162.4	95.0	123.3	.....	.....
November.....	122.4	123.9	88.0	124.2	112.8	105.6	158.6	111.2	131.8	.....	.....
December.....	120.5	125.3	78.5	124.1	100.8	124.7	130.4	153.7	128.8	.....	.....
1961: January.....	111.8	117.8	94.5	113.1	105.3	118.3	123.2	60.2	124.2	.....	.....
February.....	113.4	123.8	93.0	110.1	105.8	112.7	130.4	46.4	130.1	.....	.....
March.....	130.1	134.6	119.5	140.5	119.6	128.4	147.9	85.8	141.6	.....	.....
April.....	126.9	<sup>2</sup> 124.1	111.5	127.9	130.3	<sup>1</sup> 115.3	160.4	93.2	<sup>2</sup> 130.1	.....	.....
May.....	n.a.	131.2	127.8	129.6	n.a.	117.8	164.1	132.0	136.8	.....	.....
Percent change											
March-April 1961....	- 2	- 8	- 7	- 9	+ 9	- 10	+ 8	+ 9	- 8	.....	.....

Table compiled by the Department of Commerce (BDCA) from data reported by various government agencies and by private firms as shown in the tables following in Part F. <sup>1</sup> Change of less than one-half of 1 percent. <sup>2</sup> 1st quarter 1960-61. <sup>3</sup> 4th quarter 1960-1st quarter 1961. n.a. Not available. <sup>4</sup> Revised.

Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber <sup>1</sup> (Million board feet)			Hardwood flooring <sup>1</sup> (Thousand board feet)			Douglas fir plywood <sup>2</sup> (million square feet)	Insulating boards <sup>3</sup> (Tons)	Hardboard <sup>3</sup> (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1956.....	30,661	29,964	6,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957.....	27,100	27,305	5,901	953,706	947,023	107,028	5,378	994,000	569,000
1958.....	27,379	27,638	5,663	927,294	922,789	99,111	6,340	1,056,830	608,623
1959.....	30,674	30,559	5,794	1,034,098	1,022,299	95,470	7,828	1,172,880	734,428
1960.....	28,576	27,804	6,329	914,856	884,913	115,626	7,771	1,041,314	790,885
1960: May.....	2,662	2,661	6,345	80,655	75,822	112,366	678	94,439	66,793
June.....	2,639	2,596	6,388	79,699	83,748	108,317	635	94,117	61,064
July.....	2,161	2,144	6,168	66,176	66,796	105,542	546	89,144	57,810
August.....	2,678	2,574	6,271	81,648	83,017	102,427	681	95,972	65,315
September.....	2,493	2,424	6,341	79,473	79,126	100,697	635	91,171	66,855
October.....	2,246	2,199	6,388	77,340	73,944	102,840	671	90,159	70,781
November.....	2,036	1,995	6,429	73,095	67,848	107,822	602	77,031	66,455
December.....	1,815	1,914	6,329	65,176	57,397	115,626	552	70,943	49,408
1961: January.....	1,863	1,861	6,332	65,640	59,350	121,966	654	72,952	55,978
February.....	1,881	1,830	6,382	59,199	56,150	124,065	622	70,953	44,624
March.....	2,292	2,404	6,270	69,633	73,353	119,562	645	85,102	62,457
April.....	2,237	2,374	6,132	63,538	71,238	109,652	n. a.	*93,520	*62,627
May.....	2,624	2,661	6,097	76,710	73,103	111,464	n. a.	100,731	66,646
Percent change									
May 1960-61.....	- 1	0	- 4	- 5	- 4	- 1	.....	+ 7	(4)
12 mos. ending May 1960-61..	-13	-10	.....	-16	-13	.....	.....	- 4	-12

Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup>National Lumber Manufacturers Association; <sup>2</sup>Douglas Fir Plywood Association (monthly data are estimated from quarterly totals); <sup>3</sup>Department of Commerce, Bureau of the Census. <sup>4</sup>Change of less than one-half of 1 percent. \*As of end of period. †Revised. n.a.—Not available.

Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Millwork products				Paint, varnish, and lacquer <sup>2</sup>
	Ponderosa pine doors <sup>1</sup>	Hardwood doors <sup>1</sup>	Sash <sup>1</sup>	Exterior frames <sup>1</sup>	
Shipments (Thousands of units)					Production for trade sales (Thousands of gallons)
1956.....	<sup>3</sup> 2,035	<sup>3</sup> 6,404	<sup>3</sup> 10,551	<sup>3</sup> 5,680	312,541
1957.....	2,028	5,611	9,887	5,272	313,128
1958.....	1,829	4,308	9,432	6,247	320,800
1959.....	2,474	4,613	11,049	7,118	346,000
1960.....	1,948	3,763	7,958	5,345	343,700
1960: May.....	161	321	700	486	33,100
June.....	188	325	824	602	33,500
July.....	118	289	596	485	30,100
August.....	170	348	850	577	32,300
September.....	157	367	725	467	28,600
October.....	163	300	716	418	25,700
November.....	151	295	560	329	23,700
December.....	129	230	425	260	21,900
1961: January.....	121	322	538	309	24,200
February.....	145	309	588	384	23,800
March.....	169	400	699	477	30,100
April.....	183	392	643	512	29,400
May.....	192	425	808	588	31,800
Percent change					
May 1960-61.....	+19	+32	+15	+21	- 4
12 mos. ending May 1960-61..	+17	- 5	-19	-16	- 3

Table compiled by Department of Commerce (BDSA) Sources: <sup>1</sup>National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage); <sup>2</sup>Department of Commerce, Bureau of the Census. <sup>3</sup>Production Note: Special tabulations prepared by the source agency indicate only minor differences between production and shipments. See note to table F-3 in the April 1959 issue.

**Table F-4: Iron and Steel Products: Shipments, Bookings, and Backlog**  
(Thousands of tons)

Period	Selected steel mill products <sup>1</sup>						Cast-iron pipe <sup>2</sup> and fittings		Rigid steel conduit <sup>3</sup>	Fabricated structural steel <sup>4</sup>		
	Line pipe	Concrete reinforcing bars	Galvanized sheets	Nails	Piling	Rails	Pressure	Soil		Shipments	Bookings	Backlog*
	Shipments								Domestic sales billed			
1956.....	3,376	2,518	2,958	557	433	1,300	1,747	818	359	4,113	5,252	1,748
1957.....	4,219	2,300	2,393	447	570	1,283	1,351	758	353	4,632	3,424	1,578
1958.....	2,608	2,034	2,827	418	440	580	1,278	784	327	4,147	3,134	1,276
1959.....	2,803	2,174	2,771	392	341	632	1,441	862	295	3,296	3,653	1,396
1960.....	2,690	2,214	3,057	320	423	716	1,336	782	265	3,865	3,590	1,261
1960: May.....	270	192	288	26	26	96	136	75	21	320	302	1,411
June.....	273	210	276	27	44	75	145	80	23	374	300	1,442
July.....	243	183	239	23	35	47	121	67	21	339	302	1,421
August.....	246	233	227	29	33	39	139	84	23	373	293	1,273
September.....	229	208	215	27	30	20	135	71	24	364	291	1,337
October.....	162	229	210	25	36	20	117	67	24	353	246	1,333
November.....	125	176	198	20	35	30	103	58	20	325	269	1,287
December.....	141	148	166	16	22	23	74	48	16	277	249	1,261
1961: January.....	178	141	203	23	21	38	70	51	19	262	308	1,147
February.....	133	141	195	22	17	32	67	46	17	260	257	1,140
March.....	186	189	250	30	22	54	111	71	23	292	296	1,307
April.....	210	237	258	32	33	49	122	74	24	319	309	1,310
May.....	256	220	297	33	44	47	n.a.	n.a.	27	365	392	1,346
Percent change												
May 1960-61.....	- 5	+ 15	+ 3	+ 26	+70	- 51	+ 3	+ 7	+ 29	+ 14	+ 30	- 5
12 mos. ending												
May 1960-61.....	- 2	+ 19	- 1	- 11	+ 11	- 29	- 5	- 2	- 7	+ 18	- 8	.....

Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup>American Iron and Steel Institute; <sup>2</sup>Department of Commerce, Bureau of the Census; <sup>3</sup>National Electric Manufacturers Association; <sup>4</sup>American Institute of Steel Construction, Inc.; <sup>5</sup>April 1960-61; <sup>6</sup>12 mos. ending April 1960-61. n.a. Not available. \*Scheduled for fabrication in the next 4 months. †Revised.

**Table F-5: Heating and Plumbing Equipment: Shipments and Stocks**  
(In thousands of units, except as noted)

Period	Gas water heaters		Cast-iron convectors and radiators (Thousand sq. ft.)		Furnaces				Residential oil burners, sold separately
	Shipments	Stocks*	Shipments	Stocks*	Warm air (all types and fuels)		Floor and wall		
					Shipments	Stocks*	Shipments	Stocks*	
1956.....	2,712	133	29,567	3,810	1,355	218	492	70	532
1957.....	2,712	138	24,892	5,482	1,131	183	469	65	425
1958.....	2,911	141	22,350	3,993	1,235	169	495	47	382
1959.....	2,995	105	23,559	5,181	1,435	183	573	50	411
1960.....	2,499	79	17,645	2,782	1,215	199	461	71	327
1960: May.....	193	69	1,247	4,908	88	265	34	74	24
June.....	238	89	1,471	4,976	107	275	33	82	31
July.....	241	57	1,348	4,334	99	260	34	80	19
August.....	262	49	1,769	3,763	132	245	48	95	27
September.....	213	58	2,114	3,366	147	226	54	73	40
October.....	179	71	1,935	2,798	140	198	60	66	42
November.....	161	76	1,510	2,683	100	189	40	68	25
December.....	174	79	1,042	2,782	73	199	30	71	19
1961: January.....	214	92	993	2,924	77	204	32	69	25
February.....	199	94	1,223	2,941	79	207	24	72	21
March.....	241	91	1,014	3,326	81	228	35	72	23
April.....	252	77	917	3,684	81	237	28	73	21
May.....	211	52	855	4,605	91	245	30	66	24
Percent change									
May 1960-61.....	+ 9	- 25	- 31	- 6	+ 2	- 7	- 13	- 11	+ 3
12 mos. ending May 1960-61....	- 5	.....	- 24	.....	- 12	.....	- 15	.....	- 18

Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \*As of end of period. †Revised.

Table F-6, Plumbing Fixtures, is published quarterly in the January, April, July and October issues.

**Table F-7.—Portland Cement: Production and Shipments in the United States and Puerto Rico; Destination of Shipments by Geographic Division; Stocks**  
(Thousands of barrels)

Period	Pro- duction	Total ship- ments*	Destination of shipments*								Stocks**	
			New England	Middle Atlan- tic	East North Central	West North Central	South Atlan- tic	East South Central	West South Central	Moun- tain		Pacific
1956.....	316,465	311,571	13,234	45,273	66,433	32,920	37,156	15,268	35,916	14,178	43,098	22,412
1957.....	298,424	292,240	12,773	41,413	61,858	28,772	36,272	14,251	33,078	14,384	40,522	28,716
1958.....	311,471	309,699	10,679	42,287	63,650	34,867	37,979	14,908	37,622	16,717	43,340	30,718
1959.....	339,091	338,350	10,522	44,744	68,886	37,294	44,823	17,265	40,779	18,045	47,281	31,459
1960.....	319,010	314,879	9,951	42,087	65,115	33,765	41,441	16,540	35,453	17,735	45,306	35,484
1960: May.....	31,999	30,468	1,001	4,438	6,227	3,074	4,095	1,622	3,565	1,732	4,003	40,101
June.....	31,930	34,363	1,120	5,115	7,869	3,937	4,287	1,699	3,529	1,786	4,248	37,667
July.....	31,982	32,964	1,064	4,635	7,946	4,215	3,854	1,672	3,114	1,629	4,139	36,685
August.....	33,270	36,623	1,131	4,994	8,979	4,979	4,196	1,859	3,283	1,907	4,599	33,258
September..	31,130	33,866	975	4,110	8,455	4,827	3,587	1,724	3,462	1,842	4,265	30,509
October....	31,449	33,179	1,044	4,218	8,345	4,432	4,021	1,630	2,909	1,658	4,284	28,725
November...	26,406	25,188	931	3,394	4,991	2,415	3,712	1,433	2,983	1,393	3,293	29,985
December...	20,505	15,116	458	1,502	2,155	1,072	2,303	832	2,001	1,025	3,280	35,484
1961: January.....	16,744	14,303	282	1,246	1,764	1,063	2,256	839	2,241	1,058	3,062	37,966
February....	15,038	14,447	253	1,164	1,994	1,057	2,041	850	2,288	1,176	3,137	38,531
March.....	21,851	22,148	570	2,565	3,208	1,736	3,301	1,226	3,478	1,512	3,850	38,234
April.....	26,463	24,752	819	2,959	3,971	2,686	3,335	1,442	3,373	1,666	3,872	39,948
May.....	31,102	31,312	1,095	3,712	6,399	3,618	3,970	1,742	3,689	2,007	4,312	39,789
Percent change												
May 1960-61.....	- 3	+3	+ 9	- 16	+3	+ 18	- 3	+ 7	+ 3	+16	+8	- 1
12 months ending												
May 1960-61.....	- 3	-2	- 5	- 10	- 1	+ 5	- 5	+ 2	- 4	+ 6	.....	.....

Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior Bureau of Mines. <sup>1</sup> Includes cement used in the manufacture of prepared masonry cement. Includes shipments to foreign countries, Alaska, and Hawaii. <sup>2</sup> Excludes cement used in the manufacture of prepared masonry cement. Prior to January 1960, excludes shipments to foreign countries, Alaska, and Hawaii. Beginning with January 1960; excludes foreign countries and Alaska. <sup>3</sup> Includes revisions not distributed by months.  
\*As of end of period. <sup>1</sup> Revised.

**Table F-8.—Shipments of Asphalt Products and Gypsum Products**

Period	Asphalt products (thousands of squares) <sup>1</sup>				Gypsum products <sup>2</sup> (million square feet)	
	Prepared roofing	Siding	Insulated brick siding	Saturated felts <sup>3</sup>	Board	Lath
1956.....	57,590	1,208	2,055	29,774	4,825	2,675
1957.....	53,326	1,036	1,764	30,761	4,505	2,225
1958.....	58,228	1,040	1,616	31,840	5,263	2,155
1959.....	59,528	935	1,516	34,225	6,343	2,346
1960.....	59,959	870	1,130	32,774	6,072	1,910
1960: May.....	5,334	62	106	2,680	1,603	515
June.....	6,056	72	132	2,963		
July.....	6,077	78	112	3,064		
August.....	6,817	84	142	3,305		
September.....	6,829	96	125	3,133	1,628	531
October.....	6,021	101	117	2,894		
November.....	4,592	84	82	2,624	1,504	408
December.....	4,351	74	51	3,152		
1961: January.....	2,000	45	44	1,766	1,248	360
February.....	1,665	35	45	1,173		
March.....	3,834	65	73	2,003		
April.....	4,709	62	78	2,301		
May.....	6,517	75	98	2,981	.....	.....
	Percent change					
May 1960-61.....	+22	+21	- 8	+11	4- 7	4- 21
12 mos. ending—						
May 1960-61.....	+ 4	- 1	- 17	- 3	5- 5	5- 21

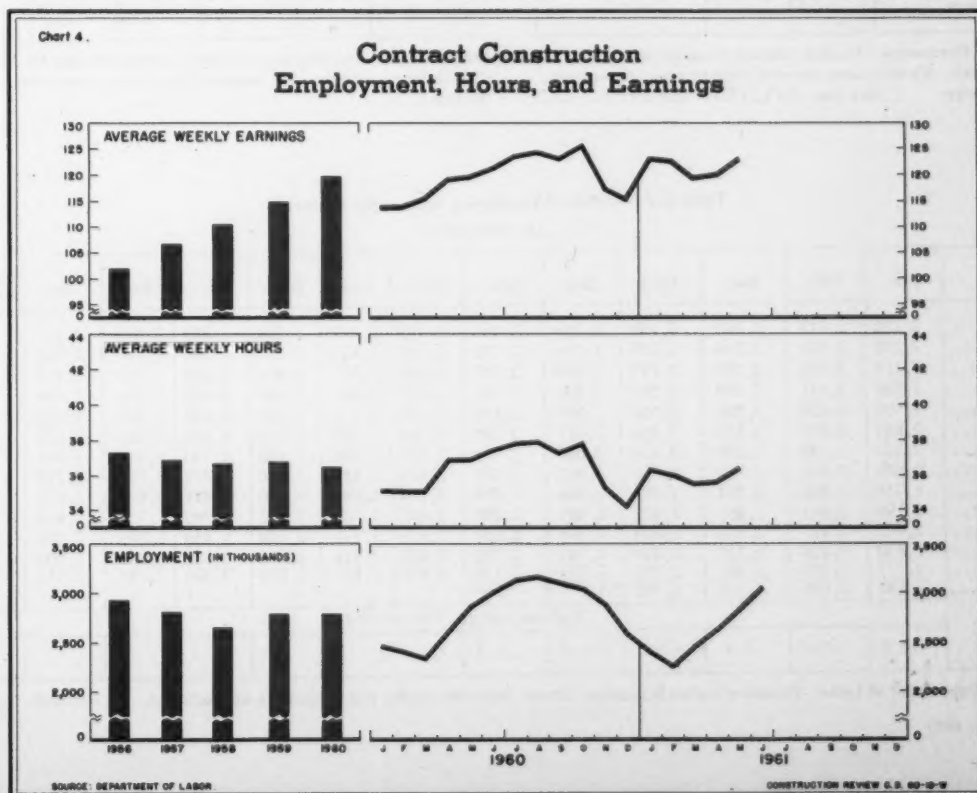
Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup> Department of Commerce, Bureau of the Census; <sup>2</sup> Department of Interior, Bureau of Mines (quarterly). <sup>3</sup> Includes data for tar saturated as well as asphalt saturated felts. <sup>4</sup> 1st quarter 1960-61.  
<sup>5</sup> 12 months ending March 1960-61.

Table F-9.—Clay Construction Products: Production and Shipments

Period	Brick, common and face (million brick)		Structural clay tile (thousand tons)		Vitrified clay sewer pipe (thousand tons)		Hollow facing tile (million brick equivalent)		Floor and wall tile, glazed and unglazed (thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1956.....	8,085	7,382	862	750	2,154	2,039	576	535	251,388	231,262
1957.....	6,658	6,306	687	641	1,836	1,629	465	441	212,114	207,094
1958.....	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
1959.....	7,336	7,258	551	521	2,025	1,973	445	412	258,631	252,545
1960.....	6,943	6,502	496	488	1,955	1,854	420	407	241,870	232,959
1960: May.....	652	673	44	49	167	177	34	37	21,247	20,417
June.....	656	686	46	47	184	191	36	38	20,549	22,209
July.....	609	625	45	44	165	180	35	36	17,095	19,361
August.....	673	667	46	45	186	199	41	40	20,510	21,284
September.....	626	610	39	39	170	186	39	37	19,879	19,855
October.....	593	596	42	41	166	168	39	38	18,976	18,929
November.....	569	537	46	40	155	143	38	37	18,735	17,706
December.....	483	342	36	32	148	108	38	32	16,967	16,635
1961: January.....	416	342	31	32	135	105	36	31	17,109	15,162
February.....	381	323	29	27	129	90	32	28	16,641	15,035
March.....	512	483	39	37	156	128	35	35	19,081	19,066
April.....	534	536	42	41	147	148	35	33	17,530	17,963
May.....	608	623	38	41	164	156	37	39	19,564	19,574
Percent change										
May 1960-61.....	- 7	- 7	-13	-18	- 2	- 6	+ 8	+ 6	- 8	- 4
12 mos. ending May 1960-61 ..	- 9	- 8	- 8	- 8	- 6	- 6	+ 5	+ 7	-17	-11

Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \* Revised.

Table F-10, Imports and Exports of Selected Construction Materials, which was formerly published quarterly, appears annually in the June issue.



# Part G.—Contract Construction Employment

Table G-1.—Number of Employees by Type of Contractor

Period	All contractors*	Building contractors							Nonbuilding contractors			
		All building contractors	General contractors	Special trades					All non-building contractors	Highway and street	Other heavy construction	
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades				
Number of employees (in thousands)												
1956.....	2,929	2,336	970.0	1,366.0	328.7	170.9	186.2	680.2	593	257.9	335.3	
1957.....	2,808	2,222	869.3	1,352.7	321.7	164.2	188.9	677.9	586	250.1	335.6	
1958.....	2,648	2,079	750.6	1,328.6	303.6	169.6	173.2	682.2	569	256.0	313.2	
1959.....	2,788	2,183	757.9	1,424.7	310.5	201.4	174.2	738.6	584	271.2	312.7	
1960.....	2,795	2,219	752.4	1,467.0	306.6	216.2	186.4	757.8	553	255.0	298.1	
1960: May.....	2,853	2,236	774.2	1,461.9	304.2	222.0	176.5	759.2	594	284.2	310.1	
June.....	3,002	2,334	816.8	1,517.6	311.3	234.2	187.9	784.2	643	315.0	328.1	
July.....	3,125	2,439	857.9	1,580.6	315.5	251.6	199.6	813.9	659	320.1	338.7	
August.....	3,157	2,469	857.3	1,611.7	321.6	255.9	206.7	827.5	661	322.9	338.0	
September..	3,095	2,431	836.7	1,594.5	327.3	245.1	202.2	819.9	638	314.0	323.9	
October.....	3,031	2,386	809.6	1,575.9	319.5	234.6	199.3	822.5	620	307.7	312.5	
November..	2,870	2,281	774.4	1,506.3	312.4	221.6	193.9	778.4	566	271.6	294.0	
December..	2,573	2,087	698.8	1,388.2	305.7	196.1	188.7	697.7	465	201.8	263.6	
1961: January....	2,404	1,967	652.3	1,314.7	298.8	175.6	180.9	659.4	418	173.0	244.5	
February....	2,283	1,868	611.5	1,256.6	289.8	166.9	175.1	624.8	396	159.3	236.2	
March.....	2,433	1,982	651.9	1,330.1	293.7	189.5	173.1	673.8	432	183.4	248.3	
April.....	2,638	2,109	703.1	1,406.1	298.5	214.7	173.3	719.6	508	230.7	277.2	
May.....	2,827	2,221	750.5	1,470.8	303.6	227.9	176.7	762.6	583	279.6	303.2	
June.....	** 3,048											
Percent change												
April-May 1961 ....	+ 7.2	+ 5.3	+ 6.7	+ 4.6	+1.7	+ 6.1	+ 2.0	+ 6.0	+14.8	+21.2	+ 9.4	
12 mos. ending												
May 1960-61.....	- .3	+ .6	+ .03	+ .8	- .2	+ 2.1	+ 6.8	- .5	- 3.6	- 2.6	- 4.6	

Source: Department of Labor, Bureau of Labor Statistics. \*Beginning with January 1959 data includes estimated data for Alaska and Hawaii. No estimates are available by type of contractor. \*\*Preliminary estimate, not available by type of contractor. Percent change: May-June 1961, +7.8. June 1960-61, +1.5. †Revised.

Table G-2.—Number of Employees, Seasonally Adjusted  
(In thousands)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,762	2,792	2,800	2,767
1960.....	2,775	2,781	2,601	2,752	2,783	2,790	2,858	2,835	2,800	2,804	2,783	2,547	2,772
1961.....	2,698	2,636	2,715	2,781	2,757	2,833							
Percent change, 1960 to 1961													
	-2.8	-5.2	+4.4	+1.1	- .9	+1.5							

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. †Revised.

Table G-3.—Indexes of Aggregate Weekly Construction Worker Man-Hours  
(1947-49=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	126.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959.....	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.5	133.7	123.3	118.9	123.4
1960.....	101.6	98.5	94.9	114.3	126.3	135.5	142.9	144.9	139.3	138.3	121.6	103.5	121.8
1961.....	101.7	95.0	101.0	111.0	122.5	136.3							
Percent change, 1960 to 1961													
	+ .1	- 3.6	+ 6.4	- 2.9	+ 3.0	+ .6							

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. <sup>†</sup>Revised.

Table G-4.—Hours and Gross Earnings of Construction Workers, by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All non-building contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
Average weekly earnings											
1956.....	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957.....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958.....	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.26
1959.....	114.82	115.28	106.39	120.27	128.56	113.40	142.08	113.80	113.24	108.09	118.40
1960.....	119.72	119.64	109.74	124.61	133.13	116.62	149.38	118.34	120.18	115.23	125.06
1960: May.....	119.56	119.91	110.26	124.93	132.68	116.60	148.23	119.70	118.03	111.90	123.86
June.....	121.18	121.24	111.13	126.69	134.87	118.62	149.38	121.41	121.06	117.43	125.15
July.....	123.61	123.68	113.77	128.83	135.20	120.70	150.93	124.31	124.91	122.36	127.80
August.....	124.31	123.68	113.52	128.82	135.58	119.65	151.32	124.55	126.90	124.26	129.97
September.....	123.13	122.40	112.73	127.44	134.61	119.70	151.70	121.80	126.42	123.98	128.88
October.....	125.50	125.17	114.66	129.93	137.52	122.11	155.62	124.23	128.65	126.43	131.02
November.....	117.20	117.99	109.02	122.82	130.32	113.88	149.31	116.25	114.64	106.75	122.68
December.....	115.26	115.56	106.23	120.24	133.22	110.72	148.92	110.53	113.39	101.80	122.62
1961: January.....	122.72	123.53	114.48	128.15	138.71	115.55	153.60	120.37	120.17	108.64	128.95
February.....	122.40	123.19	113.56	127.78	136.52	116.55	154.39	120.36	118.78	105.03	128.44
March.....	119.64	120.41	109.65	125.99	135.41	116.26	156.35	117.57	116.10	104.06	126.29
April.....	120.33	121.45	111.65	126.35	136.52	120.40	153.95	117.94	115.44	104.25	125.84
May.....	123.03	123.53	114.28	128.52	137.62	118.67	153.92	122.49	121.48	113.83	129.82
Average weekly hours											
1956.....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.4
1957.....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958.....	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.7	40.1	41.0	39.4
1959.....	36.8	35.8	35.7	35.9	37.7	35.0	38.4	34.8	40.3	41.1	39.6
1960.....	36.5	35.5	35.4	35.5	37.5	34.4	38.4	34.4	40.6	41.6	39.7
1960: May.....	36.9	35.9	35.8	35.9	37.8	34.6	38.5	35.0	40.7	41.6	39.7
June.....	37.4	36.3	36.2	36.3	38.1	35.2	38.7	35.5	41.6	42.7	40.5
July.....	37.8	36.7	36.7	36.6	38.3	35.5	38.7	35.9	42.2	43.7	40.7
August.....	37.9	36.7	36.5	36.7	38.3	35.4	38.9	36.1	42.3	43.6	41.0
September.....	37.2	36.0	35.9	36.0	37.6	35.0	38.7	35.1	42.0	43.5	40.4
October.....	37.8	36.6	36.4	36.6	38.2	35.6	39.1	35.8	42.6	43.9	41.2
November.....	35.3	34.5	34.5	34.5	36.2	33.2	37.8	33.5	38.6	38.4	38.7
December.....	34.1	33.4	33.3	33.4	36.6	32.0	37.7	31.4	37.3	36.1	38.2
1961: January.....	36.2	35.6	36.0	35.4	37.9	33.3	38.4	34.1	39.4	38.8	39.8
February.....	36.0	35.4	35.6	35.2	37.3	33.3	38.5	34.0	39.2	38.9	39.4
March.....	35.5	34.8	34.7	34.9	37.2	33.6	38.7	33.4	38.7	38.4	39.1
April.....	35.6	35.0	35.0	35.0	37.3	34.4	38.2	33.6	38.1	37.5	38.6
May.....	36.4	35.6	35.6	35.6	37.6	34.1	38.1	34.7	39.7	39.8	39.7
Average hourly earnings											
1956.....	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957.....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958.....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
1959.....	3.12	3.22	2.98	3.35	3.41	3.24	3.70	3.27	2.81	2.63	2.99
1960.....	3.28	3.37	3.10	3.51	3.55	3.39	3.89	3.44	2.96	2.77	3.15
1960: May.....	3.24	3.34	3.08	3.48	3.51	3.37	3.85	3.42	2.90	2.69	3.12
June.....	3.24	3.34	3.07	3.49	3.54	3.37	3.86	3.42	2.91	2.75	3.09
July.....	3.27	3.37	3.10	3.52	3.53	3.40	3.90	3.46	2.96	2.80	3.14
August.....	3.28	3.37	3.11	3.51	3.54	3.38	3.89	3.45	3.00	2.85	3.17
September.....	3.31	3.40	3.14	3.54	3.58	3.42	3.92	3.47	3.01	2.85	3.19
October.....	3.32	3.42	3.15	3.55	3.60	3.43	3.98	3.47	3.02	2.88	3.18
November.....	3.32	3.42	3.16	3.56	3.60	3.43	3.95	3.47	2.97	2.78	3.17
December.....	3.38	3.46	3.19	3.60	3.64	3.46	3.95	3.52	3.04	2.82	3.21
1961: January.....	3.39	3.47	3.18	3.62	3.66	3.47	4.00	3.53	3.05	2.80	3.24
February.....	3.40	3.48	3.19	3.63	3.66	3.50	4.01	3.54	3.03	2.70	3.26
March.....	3.37	3.46	3.16	3.61	3.64	3.46	4.04	3.52	3.00	2.71	3.23
April.....	3.38	3.47	3.19	3.61	3.66	3.50	4.03	3.51	3.03	2.78	3.26
May.....	3.38	3.47	3.21	3.61	3.66	3.48	4.04	3.53	3.06	2.86	3.27
Percent change, May 1960-61											
Avg. weekly earnings..	+2.9	+3.0	+3.6	+2.9	+3.7	+1.8	+3.8	+2.3	+2.9	+1.7	+4.8
Avg. weekly hours.....	-1.4	- .8	- .6	- .8	- .5	-1.4	-1.0	- .9	-2.5	-4.3	0
Avg. hourly earnings....	+4.3	+3.9	+4.2	+3.7	+4.3	+3.3	+4.9	+3.2	+5.5	+6.3	+4.8

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included.

\* Revised.

**Do you offer construction or engineering services that are marketable overseas?**

**Do you have products that can be sold abroad?**

The Department of Commerce Field Offices are equipped with extensive information about:

★ **MARKETS ABROAD**

★ **PLANNED CONSTRUCTION**

★ **ECONOMIC CONDITIONS**

★ **FOREIGN DEVELOPMENT PLANS**

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Assistance in export expansion that can be obtained through the Field Offices includes:

- **FINDING** markets abroad
  - **LOCATING** business partners abroad such as agents, distributors, etc.
  - **FURNISHING** business information on foreign firms
  - **PROVIDING** specific business opportunities abroad
- **ADVISING** on the types of business organizations to be set up abroad
  - **EXPLAINING** the documentation required to make export shipment
  - **INFORMING** commercial offices at U. S. Foreign Service Posts of impending visits by U. S. businessmen

*Consult the nearest Field Office (shown on p.52) on these and many other foreign trade matters on which they can be of assistance.*

# U. S. DEPARTMENT OF COMMERCE FIELD OFFICES

## PROVIDE READY ACCESS TO COMMERCE SERVICES

● The Department of Commerce maintains Field Offices in the cities listed below for the purpose of providing ready access to the reports, publications, and services of the Business and Defense Services Administration, Office of Business Economics, Bureau of Foreign Commerce, Office of Area Development, and the Bureau of the Census. Information on certain activities of the National Bureau of Standards and the Patent Office are also available.

● Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field offices act as official sales agents of the Superintendent of Documents and stock a wide range of official Government publications relating to business. Each office maintains an extensive business reference library containing periodicals, directories, publications, and reports from official as well as private sources.

● Approximately 700 Chambers of Commerce, Manufacturers Associations, and similar business groups are official Cooperative Offices of the Department where many of the basic publications and reports of the Department are on file and available for consultation. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Department field office.

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Population Count and Characteristics;  
Housing Statistics;  
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Retail, Wholesale and Service Business;  
Estimates on Population Movements;  
National Income Statistics;  
Regional Trends in United States Economy;  
Biennial Volume on Business Statistics;  
Current Releases and Business Indicators;  
Research Sources on Market Potentials;  
Development and Maintenance of Markets;  
Reports on Governmental and Private Technical Research;  
Regional and Community Development Techniques;  
Information on Government Procurement, Sales and Contracts.

### FOREIGN TRADE

Tariff Rates of Foreign Countries on Specific American Products;  
Regulations Bearing on the Control of Exchange Abroad;  
Administration of Regulations Imposing Import Quotas and the Details of Import Licensing Procedures in Overseas Markets;  
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Business Information on Foreign Firms;  
Documentation of Export and Import Shipments, Both Here and Abroad;  
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Assistance on Export Regulations and Problems, Including Prompt Special Service in Emergency Situations;  
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## Department Field Offices

Albuquerque, N. Mex., U. S. Courthouse. Phone: CHapel 7-0311.

Atlanta 3, Ga., 604 Volunteer Bldg., 66 Luckie St., NW. JACKson 2-4121.

Boston 10, Mass., Room 230, 80 Federal St. CAPITol 3-2312.

Buffalo 3, N. Y., 504 Federal Bldg., 117 Ellicott St. TL 3-4216.

Charleston 4, S.C., Area 2, Sergeant Jasper Bldg., West End Broad St. Phone: RAYmond 2-7771.

Cheyenne, Wyo., 207 Majestic Bldg., 16th St. and Capitol Ave. Phone: 634-2731.

Chicago 6, Ill., Room 1302, 226 W. Jackson Blvd. ANDover 3-3600.

Cincinnati 2, Ohio, 809 Fifth Third Bank Bldg., 36 East Fourth Street. DUNbar 1-2200. Ext. 345 and 346.

Cleveland 1, Ohio, Federal Reserve Bank Bldg., E. 6th St. and Superior Ave., CHerry 1-7900.

Dallas 1, Tex., Room 3-104 Merchandise Mart. RIVERSide 8-5611.

Denver 2, Colo., 142 New Customhouse. KEystone 4-4151.

Detroit 26, Mich., 438 Federal Bldg. WOODward 3-9330.

Greensboro, N. C., 407 U. S. Post Office Bldg. Phone: BRoadway 3-8234.

Houston 2, Tex., 610 Scanlan Bldg., 405 Main St. CAPITol 2-7201.

Jacksonville 1, Fla., 425 Federal Bldg., ELgin 4-7111.

Kansas City 6, Mo., Room 2011, 911 Walnut St. BATTimore 1-7000.

Los Angeles 15, Calif., Room 450, 1031 S. Broadway. RICHmond 9-4711.

Memphis 3, Tenn., 212 Falls Bldg. JACKson 6-3426.

Miami 32, Fla., 408 Ainsley Bldg., 14 N.E. First Ave. FRANKlin 7-2581.

Minneapolis 1, Minn., 304 Federal Bldg., 110 So. Fourth St. FEDERAL 2-3211.

New Orleans 12, La., 333 St. Charles Ave. 529-2411.

New York 1, N.Y., Empire State Bldg. LONGacre 3-3377.

Philadelphia 7, Pa., Jefferson Bldg., 1015 Chestnut St. WALnut 3-2400.

Phoenix, Ariz., 137 N. Second Ave. ALPine 8-5851.

Pittsburgh 22, Pa., 107 Sixth St. GRant 1-5370.

Portland 4, Oreg., 217 Old U.S. Courthouse & P.O. Bldg. CAPITol 6-3361.

Reno, Nev., 1479 Wells Ave. Phone: 2-7133.

Richmond 19, Va., 309 Parcel Post Bldg. MILton 4-9471.

St. Louis 1, Mo., 910 New Federal Bldg. MAIN 1-8100.

Salt Lake City, 1, Utah, 222 SW. Temple ST. DAVIS 8-2911.

San Francisco 11, Calif., Room 419 Customhouse. YUKon 6-3111.

Savannah, Ga., 235 U. S. Courthouse and P. O. Bldg. ADAMS 2-4755.

Seattle 4, Wash., 809 Federal Office Bldg., 909 First Ave. MUTual 2-3300.

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